

**Report of the  
Commissioners  
of the  
District of  
Columbia**

**1899/1900  
Vols. 3-4**

**(Washington, DC)**









# REPORT

OF THE

## COMMISSIONERS OF THE DISTRICT OF COLUMBIA

FOR THE

YEAR ENDED JUNE 30, 1900.

District of Columbia. Commissioners  
T. Report

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VOL. III.

[REPORT OF THE HEALTH OFFICER.]

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WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1900.



WASH.

REF.

352.0753

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# REPORT OF THE HEALTH OFFICER.

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HEALTH DEPARTMENT, DISTRICT OF COLUMBIA,  
*Washington, June 30, 1900.*

GENTLEMEN: I have the honor to submit the following statement relative to the operations of the health department and the condition of public health in the District of Columbia during the year ended June 30, 1900, being the twenty-first annual report of the department since it was first organized on its present basis.

## VITAL STATISTICS.

### POPULATION.

The population of the District of Columbia as shown by the United States census taken in June, 1900, was 278,718. The average density of population is therefore 7.23 per acre, if we exclude the area covered by water; otherwise, 6.28 per acre.<sup>1</sup> No computation has yet been made by the Census Bureau as to the distribution of population by race, age, or sex, and in view of the wide discrepancy between the total population as shown by the Federal census and the total population as calculated by this department on the basis of the latest police censuses and of the school enrollments, it has been deemed best not to undertake to calculate death rates for races, sexes, or ages on the basis of an estimated population, but rather to defer the compilation of such data until the returns from the recent census shall have been completed.

As the Federal census was taken in June, 1900, while the middle of the year covered by this report occurred in December, 1899, it has been necessary to compute the probable population at the latter time, representing, as nearly as can be ascertained, the average daily population during the year. This has been done, therefore, upon the basis of a supposed increase of the population in a geometrical ratio since the latest police census, April, 1897, without considering any of the factors which may possibly have led to the presence of an unusual number of people in this District in December.

### MORTALITY.

The total number of deaths from all causes which occurred during the fiscal year ended June 30, 1900, was 5,953, a decrease of 73 in the actual number of deaths since last year. The death rate was there-

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<sup>1</sup> The area of the District is 69.25 square miles, of which 9 square miles are covered by water.

fore 21.37 per thousand, a decrease of 0.28. The average annual death rate during the past five years has been 20.95. Of the decedents 3,325 were white and 2,628 colored, the decrease in the former being 47 and in the latter 26. The population, number of deaths, and death rates in this District during the past quarter of a century are shown in the following table:

TABLE A.—Population, deaths, and death rates for the twenty-five years ended June 30, 1900, based upon results of police censuses, and of the United States census of June, 1900.

Year.	Population.			Deaths.			Death rates.		
	White.	Colored.	Total.	White.	Colored.	Total.	White.	Colored.	Total.
1875-76.....	106,741	50,859	157,600	2,086	2,074	4,160	19.54	40.78	26.40
1876-77.....	109,505	52,870	162,375	2,187	2,021	4,208	19.97	38.22	25.91
1877-78.....	112,340	54,960	167,300	2,166	2,065	4,231	19.28	37.57	25.29
1878-79.....	115,247	57,130	172,377	2,196	2,113	4,309	19.05	36.90	24.99
1879-80.....	118,236	59,402	177,638	2,085	2,121	4,206	17.63	35.71	23.68
1880-81.....	121,300	61,760	183,060	2,205	1,931	4,136	18.18	31.27	22.59
1881-82.....	124,441	64,212	188,653	2,353	2,218	4,571	18.91	34.54	24.23
1882-83.....	126,300	65,680	191,980	2,270	2,016	4,286	17.97	30.69	22.33
1883-84.....	131,820	64,670	196,490	2,576	2,238	4,814	19.54	34.61	24.50
1884-85.....	134,770	66,340	201,110	2,610	2,388	4,998	19.37	35.97	24.85
1885-86.....	137,790	68,050	205,840	2,442	2,232	4,674	17.72	32.80	22.71
1886-87.....	140,880	69,800	210,680	2,484	2,181	4,665	17.63	31.25	22.14
1887-88.....	144,080	71,600	215,680	2,778	2,262	5,040	19.29	31.59	23.37
1888-89.....	148,870	73,960	222,830	2,713	2,439	5,152	18.22	32.93	23.12
1889-90.....	153,550	76,910	232,460	2,934	2,630	5,564	18.86	34.20	23.94
1890-91.....	162,540	79,980	242,520	3,106	2,614	5,720	19.11	32.68	23.59
1891-92.....	169,840	83,170	253,010	3,442	2,656	6,098	20.27	31.93	24.10
1892-93.....	175,550	85,250	260,800	3,677	2,775	6,452	20.95	32.55	24.74
1893-94.....	179,485	86,115	265,600	3,329	2,710	6,039	18.55	31.47	22.73
1894-95.....	183,516	86,998	270,514	3,114	2,451	5,565	16.97	28.18	20.57
1895-96.....	186,866	87,294	274,160	3,302	2,602	5,904	17.67	29.80	21.53
1896-97.....	188,787	88,176	276,963	3,216	2,521	5,737	17.03	28.59	20.71
1897-98.....	.....	.....	278,001	2,973	2,442	5,415	.....	.....	19.48
1898-99.....	.....	.....	278,289	3,372	2,654	6,026	.....	.....	21.65
1899-1900.....	.....	.....	278,577	3,325	2,628	5,953	.....	.....	21.37
Total and means.....	.....	.....	5,564,467	68,941	58,982	127,923	.....	.....	23.22

NOTE.—This table is corrected to date. The returns of the Federal census of June, 1900, relating to the distribution of population by color, have not been received and the death rate by races can not be calculated at the present time, October 10, 1900.

Classifying by sex we find 3,056 of the deceased were males, a decrease of 148 since last year, and 2,897 were females, an increase of 75.

Distributed by age, 1,843, or 30.96 per cent of the total mortality, occurred during the first five years of life and 1,314, or 22.08 per cent, during the first year. Of all white decedents 795, or 23.90 per cent, were less than 5 years old, and 560, or 16.84 per cent, were less than 1 year of age. In the colored race the deaths of children under 5 years of age amounted to 1,048, or 39.88 per cent of the total colored mortality, and those of children in the first year of life numbered 752, or 28.61 per cent. The average age of all decedents was 32 years, 2 months, and 24 days; of the whites alone, 39 years, 2 months, and 11 days, and of the colored, 25 years, 3 months, and 6 days. These figures do not vary materially from those of last year. Five persons were reported to have passed the century mark, 44 were over 90 years old, and 762 had lived beyond the allotted three score and ten.

The average number of deaths per week has been 114.02. During each of twenty-five weeks the number of deaths exceeded the average, and during each of twenty-seven weeks it was below. The largest number which occurred in any one week was 169, recorded during the



week ended April 7, 1900. The average daily mortality for each month was as follows:

1899.		1900.	
July	17.38	January	15.77
August	16.03	February	15.46
September	16.96	March	18.19
October	15.52	April	19.20
November	14.07	May	14.87
December	15.90	June	16.30

Full information as to the number of deaths which occurred each day, a general summary as to the daily character of such mortality with reference to disease and color, and a statement of the prevailing meteorological conditions, appear in the appendix. So also do data as to the distribution of mortality by locality.

TABLE B.—Deaths by classes, arranged by sex and color, with percentages and annual death rates, for the year ended June 30, 1900.

Cause of death.	Deaths.						Percentages to total deaths.				Total annual death rate.	
	White.		Colored.		White.	Colored.	Total.	White.		Colored.		
	M.	F.	M.	F.				M.	F.	M.		F.
I. General diseases, epidemic	224	190	125	128	414	253	667	12.51	12.39	9.88	9.39	2.39
II. Other general diseases, not epidemic	330	321	270	318	651	588	1,239	18.43	20.93	21.34	23.33	4.45
III. Diseases of nervous system	268	180	150	137	448	287	735	14.96	11.73	11.86	10.05	2.64
IV. Diseases of circulatory system	173	143	119	130	316	249	565	9.66	9.32	9.41	9.54	2.03
V. Diseases of respiratory system	157	186	174	195	343	369	712	8.76	12.12	13.76	14.31	2.56
VI. Diseases of digestive system	205	194	166	171	399	337	736	11.45	12.65	13.12	12.55	2.64
VII. Diseases of genito-urinary system	143	97	51	74	240	125	365	7.98	6.32	4.03	5.43	1.31
VIII. Puerperal condition	2	23		23	25	23	48	.11	1.50		1.69	.17
IX. Diseases of skin and cellular tissue	6	7	3	4	13	7	20	.34	.46	.24	.29	.07
X. Diseases of organs of locomotion	5	3	5	1	8	6	14	.28	.20	.39	.07	.05
XI. Malformations	10	2	5	3	12	8	20	.56	.13	.39	.22	.07
XII. Infancy	114	83	124	119	197	243	440	6.36	5.41	9.80	8.73	1.58
XIII. Old age	47	59	24	31	106	55	161	2.62	3.85	1.90	2.27	.58
XIV. Violence	102	42	47	27	144	74	218	5.70	2.73	3.72	1.98	.78
XV. Ill-defined diseases.	5	4	2	2	9	4	13	.28	.26	.16	.15	.04
Total	1,791	1,534	1,265	1,363	3,325	2,628	5,953	100.00	100.00	100.00	100.00	21.36

The Bertillon system of classifying causes of death has been adopted during the past year, the chief reasons for doing so being the adoption of the system in many other places, and a desire on the part of this department to assist as much as possible in bringing about uniformity in vital statistics. It is recognized, however, that this classification is by no means perfect in its present form. The official classification as approved by the American Public Health Association, and an index thereto, are printed as an appendix to this report.

The first general subdivision of the Bertillon classification of causes of death is epidemic diseases, and includes typhoid fever, smallpox, measles, scarlet fever, whooping cough, diphtheria, and influenza (grippe). The total number of deaths due to diseases of this type was 667. There was an increased mortality from typhoid fever, measles,

whooping cough, and diphtheria, and a decreased mortality from influenza.

There were 221 deaths from typhoid fever (including so-called typho-malarial fever), equivalent to a death rate of 0.79 per thousand. This is an extremely unsatisfactory showing when compared with 0.65, the death rate last year, or 0.49, the death rate for 1897-98. In the absence, however, of reports of all cases of this disease, so that their number and location may be considered, the cause of this increased mortality can not be determined. Of the decedents, 118 were white and 103 colored; 131 male and 90 female. Thirty-three per cent of the mortality from typhoid fever occurred among persons from 20 to 29 years of age, inclusive. The mortality by months was as follows: July, 10; August, 39; September, 30; October, 28; November, 29; December, 26; January, 17; February, 6; March, 8; April, 10; May, 6; and June 12.

The increased mortality from diphtheria seems to have been due partly to the increased prevalence of the disease and partly to the occurrence of a severer type. The cause or causes of such increased prevalence and the greater severity of the prevailing type, if any, is unknown. Detailed information relative to this disease appears in the synopsis of the work of the scarlet fever and diphtheria service, and more particularly in the report of the medical sanitary inspector (Appendix A).

In the absence of knowledge as to the number of cases of measles and of whooping cough which occurred during the year, it is impossible to say whether the increased number of deaths was due to the occurrence of a larger number of cases or to the occurrence of these diseases in a more malignant form. This holds true, too, with the necessary qualifications, with reference to the decreased mortality from grippe.

That portion of the mortality included under the term "general diseases," but not classed as "epidemic," presents the following points of interest: There is a noticeable, but not marked, decrease in the number of deaths from malarial infection, from 53 to 45. Tubercular diseases show an increased mortality, from 797 to 859, an increase in the death rate from 2.86 to 3.08 per 1,000. Tuberculosis of the lungs was responsible for 742 deaths, that is, for 86 per cent of all deaths from tuberculosis. Of the decedents, 386 were white and 473 colored. Four hundred and forty-one were males and 418 females. The largest number of deaths occurred among persons from 20 to 29 years of age, inclusive, the total number in this class being 245. Deaths from malignant tumors increased from 177 to 204. This, considered in connection with the corresponding figures for recent years, appears to bear out the widely prevailing opinion that such growths are becoming more common, but such a conclusion can be supported, if at all, only after a careful study of the many factors involved, which would require more time than is at present at the disposal of the health department. Of those who died from malignant tumors during the past year, 145 were white, and 60 colored; 71 were male, and 134 female.

The total number of deaths from diseases of the nervous system and organs of sense was 735. Cerebral hemorrhages sustains its usual position as the chief causative factor of this mortality, and, moreover, shows a considerable increase in the actual number of deaths which have resulted from it, from 256 to 285. Deaths from convulsions of

infancy increased from 83 to 130; those from trismus nascentium decreased from 24 to 11. An examination of the mortality tables shows a decrease in the number of deaths from organic brain diseases from 61 to 33. This decrease, however, is believed to be apparent rather than real and to be the result of changed methods of classification, as the number of deaths which have occurred in the Government Hospital for the Insane during the past year remains practically the same as during the year preceding.

Diseases of the circulatory system have been responsible for 565 deaths. The principal cause of deaths of this class has been valvular heart disease, 450 deaths, an increase of 76 since last year. The largest number of fatal cases from this affection occurred among persons between the sixty-first and the seventieth years of life, inclusive.

In considering diseases of the respiratory system, it is important to have in mind the fact that pulmonary tuberculosis is not classed with them, being regarded as one of the general diseases. With this understanding, diseases of the respiratory system caused 712 deaths. The principal factor in such mortality has been pneumonia, 462 deaths. The greater part of these occurred between December and April, inclusive, the average mortality during these months being 58.2, while the average mortality during the remainder of the year was 18.43. Acute bronchitis caused 82 deaths, chiefly among children in the first five years of life. Chronic bronchitis caused 46 deaths, and, as distinguished from the acute form of this disease, prevailed chiefly among persons more than 50 years of age.

Seven hundred and thirty-six deaths were charged to diseases of the digestive system, of which 451 occurred among children less than 5 years old. There were no material variations in the number of deaths occurring from the individual diseases which go to make up this mortality. Diseases of the genito-urinary system were responsible for 365 deaths. Acute nephritis, reported as such, caused 47 deaths, and chronic nephritis 168, while Bright's disease was certified to under that name as the primary cause of death in 52 instances.

Pathological conditions incident to the puerperal state caused 48 deaths, diseases of the skin and cellular tissue 20, diseases of the organs of locomotion 14, and malformations 19. Four hundred and forty-one deaths were charged to conditions peculiar to infancy, premature births in 141 instances, marasmus in 98, and simple congenital debility in 71. Senile debility was recorded as the cause of 149 deaths, a decrease of 59; senile dementia as the cause of 12, an increase of 9.

There have been during the year 189 deaths due to other than natural causes. Of these, 29 were suicidal, 143 accidental, 15 due to criminal homicide, and 2 due to legal execution. Of the decedents from these causes, 119 were white and 70 colored, 133 male and 50 female. There is the usual marked disproportion between the number of suicidal deaths which have occurred in the white and in the colored races, the former showing 25 and the latter but 4. The prevailing mode of self-destruction has been by poison, 9 having taken substances of this character by the mouth and 6 having inhaled illuminating gas. Suicidal gunshot wounds were responsible for 6 deaths, and hanging for 4. Two of those who committed suicide during the last year were between 10 and 20 years of age, both of whom died by poison. Among the accidental deaths, in 34 instances the cause was falls, in 34 burns or scalds, and in 20 drowning. The number of accidental deaths from

inhalation of illuminating gas decreased from 12 in 1898-99 to 3 during the past year. Street railways have caused 8 deaths, and steam railways 19.

## RETURNS OF BIRTHS.

The number of births reported during the past year was 4,641, showing a slight decrease since last year. Of the children born, 2,790 were white, and 1,851 colored. In 75 instances twins were born of white parents, and in 41 of colored. Four hundred and seventy-seven illegitimate births of colored children were recorded, and 90 illegitimate births of white parents.

## RETURNS OF STILLBIRTHS.

The number of stillbirths reported was 536—336 legitimate and 200 illegitimate. One hundred and sixty-two returns of stillbirths were received from the coroner, representing, ordinarily, bodies which have been deposited in the street. In a majority of all cases the causes of stillbirths were reported as unknown.

## RETURNS OF MARRIAGES.

The number of marriages recorded in the health department during the past year was 1,828, white 1,251 and colored 577. The number of marriage licenses issued by the clerk of the court during the corresponding period was 3,181, showing, therefore, that approximately 42.53 per cent of the total number of marriages have not been reported. There appears, however, to be no way in which an improvement can be effected in the matter of marriage returns except that already suggested by this department—that is, the issue of licenses directed to specified ministers rather than “to any minister of the gospel authorized to solemnize marriages,” as at present.

## RECORDS AND TRANSCRIPTS.

During the past year 505 transcripts from the records of births, deaths, and marriages have been issued, and 6 certificates have been given showing that no record existed. Attention is again invited to the necessity for fireproof vaults for the safe-keeping of such records. If destroyed, they could not be replaced.

## OFFICIAL REGISTERS.

Under the act to regulate the practice of medicine, 46 physicians have been registered, 36 by virtue of licenses issued by the board of medical supervisors as the result of examinations and 10 on the basis of similar licenses based merely on the registration of the licentiates at the health department prior to June 3, 1896. So far as is known to this office, 15 registered physicians have died during the past year.

Under the provisions of the same act, 15 midwives were registered, 2 of whom had been licensed by reason of having passed examinations and 13 by reason of prior registration by this department.

Fifty-three licentiates of the board of dental examiners were registered.

The register of undertakers shows an increase of 4.

## PRIVATE HOSPITALS.

There has been no change during the past year in either the number, location, or character of the private hospitals in this District. Previous recommendations for the amendment of the law governing such institutions are respectfully renewed.

## CEMETERIES.

There has been no change in the number of cemeteries or crematories. Attention is again invited to the need of a crematory to replace, or as an auxilliary to, Potter's field.

## ANATOMICAL MATERIAL.

The number of cases in which material was offered for use under the provisions of the act for the promotion of anatomical science decreased from 74 to 53. The sources from which material was derived and its distribution among the medical and dental colleges are shown in the following table. In order to advance the position of this city as a center of medical education, it is desirable that the law governing the supply of cadavers for scientific purposes should be amended so as to increase the amount.

TABLE C.—*Distribution of cadavers under anatomical act during year ended June 30, 1900.*

	Number of students.		Per-cent-age.	1899.						1900.					
	Medical.	Dental.		July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.
From—															
Emergency Hospital.....	.....	.....	.....	.....	.....	.....	2	1	2	1	2	.....	.....	.....	1
Freedmen's Hospital.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	9
Homeopathic Hospital.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Morgue.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2
Washington Asylum Hospital.....	.....	.....	.....	1	3	5	4	2	4	7	6	4	4	.....	40
Total.....	.....	.....	.....	1	4	5	6	4	7	10	8	4	4	.....	53
To—															
Columbian College.....	272	.....	45.00	.....	3	3	3	1	2	7	2	3	3	.....	27
Georgetown College.....	93	.....	15.00	1	1	2	2	1	1	.....	2	.....	1	.....	11
Howard College.....	129	33	27.00	.....	.....	.....	.....	1	3	3	2	1	.....	.....	10
National College.....	32	31	10.00	.....	.....	.....	1	1	.....	.....	2	.....	.....	.....	4
Washington Dental College.....	.....	18	3.00	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Total.....	526	82	100.00	1	4	5	6	4	7	10	8	4	4	.....	53

## MEDICAL RELIEF OF THE POOR.

The work done by physicians to the poor during the past year shows a marked decrease. Whether this has been due to prevailing prosperity or to other causes it is impossible to say, but as there has been no complaint of the failure of such physicians to give proper service to all worthy applicants, any decrease in interest or industry on their part can not have been responsible for the change. The number of visits made by physicians to the poor was 15,831, and the number of office consultations was 396.

During the year 4,452 families have sought medical relief through physicians to the poor, a decrease of 1,523 since last year. Of such families 1,067 were white, a decrease of 437, and 3,385 were colored, a decrease of 1,086. The entire number of individuals treated was 5,642, of which 1,512 were white and 4,130 were colored, the decrease generally corresponding, to a certain extent, to the decrease of the number of families. On the basis of the recent United States census, 20.25 out of every 1,000 inhabitants received medical relief at public expense through the agency of the health department.

The total cost of the service has been \$9,690.75, of which \$7,891.40 was for the services of physicians to the poor, and the remainder for drugs and incidental expenses. The average cost of treating each patient during the year has been \$1.40 for services and 32 cents for drugs, etc., a total of \$1.72. The average amount received by each physician for each visit and office consultation has been 48 cents. The average cost of drugs, etc., supplied or used in connection with each such visit or consultation has been 11 cents. In view of the foregoing figures it is unnecessary to call attention to the inadequacy of the compensation of the physicians to the poor. They are required to be on duty twenty-four hours each day, and for such service receive \$1. They are entitled to no leave, either by reason of sickness or otherwise. It is respectfully recommended that the compensation of these physicians be increased to \$480 per annum.

Detailed statements relative to the work done in this service during the past year, and a comparison of the amount of such work with the amount done in previous years, are set forth in the following tables:

TABLE D.—Statement of work done by physicians to the poor during year ended June 30, 1900.

	Visits made.	Office consultations.	Cost of medicines furnished.
1899.			
July .....	1,316	44	\$83.85
August .....	1,161	42	98.50
September .....	2,132	67	106.75
October .....	1,340	61	93.05
November .....	1,118	27	84.70
December .....	1,381	14	76.10
1900.			
January .....	1,204	20	101.90
February .....	1,399	19	87.55
March .....	1,724	37	105.85
April .....	1,097	16	83.75
May .....	1,073	25	65.25
June .....	886	25	57.90
Total .....	15,831	396	1,065.15
Antitoxin .....			182.50
Tablets, dressings, etc. ....			166.61
Homeopathic drugs .....			288.00
Supplies for nurses .....			24.95
Total .....			1,727.21

TABLE E.—*The sick poor for ten years.*

Year.	Patients treated.	White.	Colored.	Visits made.	Office consultations.	Cost of medicine furnished.
1890-91				18,728	3,177	\$2,526.25
1891-92				16,746	2,997	2,503.08
1892-93				19,037	2,468	2,753.55
1893-94				26,210	3,356	3,636.36
1894-95				23,625	2,973	3,347.10
1895-96				26,556	2,472	2,806.65
1896-97				25,039	3,013	2,355.42
1897-98				21,159	1,983	2,329.60
1898-99	7,583	2,028	5,555	20,025	531	1,947.19
1899-1900	5,642	1,512	4,130	15,831	396	1,727.21

TABLE F.—*Statement of cases treated by physicians to the poor.*

Diseases.	White.	Colored.	Total.	Diseases.	White.	Colored.	Total.
Abscess:				Cardiac dilatation	4	23	27
Ischiorectal	3	10	13	Cephalalgia	5	15	20
Neck	7	7	14	Dermatitis		3	3
Side	3	10	13	Diphtheria	63	100	163
Arm	2	6	8	Diarrhea	30	95	125
Leg	7	10	17	Dysentery	18	35	53
Foot	4	7	11	Debility	3	7	10
Abdominal tumor		2	2	Debility, senile	12	30	42
Asthma	18	30	48	Dysmenorrhœa	20	30	50
Adenitis:				Dyspepsia	3	27	30
Inguinal	2	10	12	Dislocation:			
Cervical	4	11	15	Shoulder		3	3
Arthritis		2	2	Semilunar cartilage		1	1
Amenorrhœa	3	7	10	Clavicle	1		1
Appendicitis		6	6	Elbow		2	2
Anæmia	12	20	32	Exophthalmic goiter	1		1
Ascites	2	1	3	Erysipelas	5	5	10
Abortion	11	40	51	Eczema	7	14	21
Abortion, threatened	3	21	24	Epistaxis	2	8	10
Apoplexy	3	7	10	Epithelioma:			
Alcoholism	3	9	12	Tongue		1	1
Aortic stenosis	1	1	2	Lip		1	1
Angina pectoris	1	2	3	Enterocolitis	23	60	83
Arteriosclerosis	3	4	7	Enteritis, gastro	30	45	75
Bronchitis:				Epididymitis	2	7	9
Acute	121	400	521	Epilepsy	8	17	25
Chronic	50	75	125	Endometritis	3	16	19
Burns:				Eclampsia		2	2
Hand	3	3	6	Enteralgia		7	7
Face	1	5	6	Floating kidney	1		1
Brain:				Furuncle	1	3	4
Tumor of	1		1	Facial paralysis		1	1
Concussion of	4	6	10	Fistula in ano	2	3	5
Bite:				Fracture:			
Insect	2		2	Leg		3	3
Human	1		1	Clavicle	1		1
Cyst:				Radius		1	1
Ovarian		2	2	Femur		2	2
Vaginal		1	1	Fibula		1	1
Meibomian		1	1	Pott's		1	1
Cystitis	10	28	38	Gastritis:			
Coryza	12	30	42	Acute	63	150	213
Convulsions, infantile	5	10	15	Chronic	23	32	55
Chlorosis		1	1	Gonorrhœa	3	21	24
Conjunctivitis		6	6	Gallstones	8	13	21
Conjunctivitis, purulent		2	2	Hysteria	4	12	16
Chorea	1	2	3	Hemorrhoids		5	5
Cerebro-spinal meningitis		2	2	Hæmoptysis	6	17	23
Cancer:				Hemiplegia	2	4	6
Uterus		4	4	Heat exhaustion	1	3	4
Stomach		2	2	Herpes zoster	4	7	11
Breast		2	2	Hernia:			
Constipation	35	75	110	Inguinal		1	1
Cholera morbus	7	5	12	Umbilical	1		1
Cholera infantum	3	10	13	Hydrocele		1	1
Chilblain, foot		2	2	Hæmaturia		1	1
Congestion:				Hypertrophied prostate	1	2	3
Lungs		2	2	Impetigo	5	13	18
Liver	9	25	34	Insanity	19	65	84

TABLE F.—Statement of cases treated by physician to the poor—Continued.

Diseases.	White.	Colored.	Total.	Diseases.	White.	Colored.	Total.
Intestinal indigestion .....	2	10	12	Pertussis .....	15	30	45
Influenza .....	50	169	219	Prolapse:			
Iritis .....		1	1	Uterus .....	1	3	4
Lithemia .....		1	1	Anus .....	1	1	2
Labor .....	18	40	58	Placenta previa.....		1	1
Laryngitis .....	5	19	24	Poisoning:			
Lumbrocoides .....	8	12	20	Opium .....		1	1
Measles .....	48	79	127	Gas .....		1	1
Mastitis .....		5	5	Carbolic acid .....		1	1
Menopause .....	3	8	11	Rheumatism:			
Mitral regurgitation .....	20	36	56	Acute .....	41	118	159
Metritis .....	4	15	19	Chronic .....	35	103	138
Menorrhagia .....	15	30	45	Lumbago .....	17	33	50
Marasmus .....	2	7	9	Myalgia .....	3	8	11
Melancholia .....		4	4	Pleurodynia .....	2	7	9
Meningitis .....	1	1	2	Retained placenta .....	1	1	2
Maligner .....	1	1	2	Rachitis .....		4	4
Malaria .....	245	558	803	Stricture:			
Myocarditis .....	2	1	3	Rectum .....		2	2
Nephrolithiasis .....	2	2	4	Urethra .....		1	1
Necrosis, ulnar .....	3	3	6	Scabies .....	1	1	2
Nervous prostration .....	2	2	4	Sciatca .....	4	5	9
Neuralgia:				Stomatitis .....	6	16	22
Facial .....	19	37	56	Synovitis .....	4	6	10
Intercostal .....	21	29	50	Shock .....		2	2
Nephritis:				Syphilis .....	23	63	86
Acute .....	6	18	24	Sprains .....	3	19	22
Chronic .....	5	19	24	Stillbirths .....	8	21	29
Neurasthenia .....	7	13	20	Septicemia .....		4	4
Oedema glottis .....		1	1	Scarlet fever .....	14	25	39
Oorchitis .....	2	7	9	Tuberculosis .....		62	62
Ovaritis .....	10	37	47	Toothache .....		2	2
Otitis media .....	2	3	5	Tonsillitis .....	36	109	145
Obesity .....		1	1	Sarcoma, knee .....		2	2
Ostitis .....		3	3	Ulcers, leg .....	10	26	36
Peritonitis .....	3	1	4	Uterine disease .....	2	3	5
Postpartum hemorrhage .....		1	1	Uterine fibroid .....	2	5	7
Puerperium .....	5	14	19	Urticaria .....	1	1	2
Phlegmon leg .....	1	2	3	Ulcers, stomach .....	2	3	5
Pregnancy .....	21	73	94	Wounds:			
Paralysis .....	2	12	14	Leg .....	5	15	20
Pelvic cellulitis .....		2	2	Head .....	5	14	19
Pleurisy .....	3	17	20	Foot .....	3	10	13
Pneumonia .....	22	102	124	Knee .....	2	2	2
Parotitis .....	3	13	16	Undiagnosed .....	50	142	192
Pharyngitis .....	8	23	31	Refused treatment .....	5	18	23
Phimosis .....	3	7	10	Typhoid fever .....	33	62	95
Periostitis .....	1	1	2				

## CONTAGIOUS DISEASES.

## SCARLET FEVER.

Scarlet fever has been less prevalent than last year. The total number of cases reported was 893, a decrease of 101. The racial distribution of these cases shows the usual predilection of that disease for the whites, 836 having occurred in that race, while only 57 occurred in the colored. With a diminished prevalence there was, however, an increased severity in type. Of the total number of reported cases 23 died, making a fatality of 2.57 per cent. The fatality among the white race was 2.15 per cent, and in the colored 8.77.



Comparative data for the past seven years appear in the following table:

TABLE G.—*Reported cases of scarlet fever for seven years ended June 30, 1900.*

Year.	Ratio per 1,000 of population.			Percentage of fatal cases.		
	White.	Colored.	Total.	White.	Colored.	Total.
1893-94 .....	1.22	0.17	0.88	6.25	-----	5.85
1894-95 .....	2.03	.51	1.55	3.66	4.44	3.74
1895-96 .....	1.49	.28	1.11	3.56	12	4.24
1896-97 .....	.78	.14	.57	.67	-----	.62
1897-98 .....	2.13	.38	1.57	2.72	5.88	2.97
1898-99 .....	4.48	1.17	3.46	2.13	1.92	2.11
1899-1900 .....			3.21	2.15	8.77	2.57

During the year another outbreak of scarlet fever, numbering 33 cases, occurred through milk infection. The source of contagion was probably an employe who suffered from an undiagnosed case of this disease.

#### DIPHTHERIA.

The increase in the number of cases of diphtheria noted in the last report has continued to a slight degree during the past year. The total number of cases reported was 1,109, an increase of 50. Eight hundred and ninety-eight were white and 211 were colored. In this disease, as in scarlet fever, the prevailing type was more severe than last year. The total number of fatal cases was 197, showing a fatality of 17.76 per cent. The fatality during 1898-99 was 16.43 per cent. Of the white patients 144 died, and of the colored 53, indicating a fatality of 16 and 25.1 per cent, respectively. For purposes of comparison data as to the prevalence and fatality of diphtheria during the past seven years are presented in the following table:

TABLE H.—*Reported cases of diphtheria for seven years ended June 30, 1900.*

Year.	Ratio per 1,000 of population.			Percentage of fatal cases.		
	White.	Colored.	Total.	White.	Colored.	Total.
1893-94 .....	1.40	2	1.60	43.41	34.48	39.81
1894-95 .....	1.58	1.33	1.50	30.84	28.20	30.09
1895-96 .....	1.52	.45	1.19	23.07	25	23.31
1896-97 .....	2.61	1.42	2.23	15.79	25.39	17.74
1897-98 .....	2.61	2.33	2.52	13.56	31.06	18.71
1898-99 .....	3.80	3.41	3.68	14.30	21.71	16.43
1899-1900 .....			3.91	16.00	25.10	17.76

Three thousand one hundred and fifty-seven cultures from throats suspected of containing diphtheria bacilli were examined, an increase of 227 over the number submitted during the previous year. One thousand two hundred and nine were for purposes of diagnosis, a decrease of 103, and of these 567, or 46.9 per cent, were found to contain diphtheria bacilli. Whether or not the decreased frequency with which physicians have resorted to bacteriological examinations, as an aid to early diagnosis, bears a causative relation to the increased number of fatal cases, and possibly to the increased prevalence of the disease, is a matter worthy of serious consideration.

## DISINFECTION SERVICE.

In view of the limited appropriation available for the support of the disinfection service, it has not been possible for the health department to undertake the disinfection of apartments which have been occupied by patients suffering from contagious diseases, except under exceptional circumstances. In most cases, unfortunately, it has been necessary to leave such disinfection to the householder, who usually is unfamiliar with the general technique of such work, and practically always unfamiliar with the method of operating the special devices with which disinfection can be most satisfactorily accomplished. Under such circumstances the health department has supplied materials necessary for disinfection, solutions of formaldehyde and of bichloride of mercury, and left printed directions relative to their use.

The disinfection of movable articles is on a more satisfactory basis. Such articles are moved, when it can be done with advantage, to the municipal disinfecting station and treated there. Seven thousand seven hundred and eighty-five articles have been disinfected during the past twelve months. The chamber formerly used exclusively for disinfection by steam has been equipped with apparatus for the use of formaldehyde, which enables the health department to disinfect goods which require such treatment but which could not be subjected to the heat necessary to disinfect by steam without being damaged.

## WARDS FOR MINOR CONTAGIOUS DISEASES.

The wards for the reception of cases of minor contagious diseases, which were being constructed at the time of the submission of the last report, were completed and opened for the reception of patients during October, 1899. The ward at Providence Hospital accommodates easily 20 patients. Its cost for construction of building, including grading, paving, etc., \$29,959.19, and for equipment \$4,822.82, all of which was supplied by Congressional appropriation. The amount so appropriated has been as follows: For construction of building and improvement of grounds and approaches, \$30,000, and for equipment, \$5,000. The wards at Garfield Memorial Hospital, occupying two pavilions and having associated with them a separate administration building, can accommodate without crowding 28 patients. They cost for construction \$37,774, for equipment \$7,667, and for grading, paving, etc., \$2,224, of which \$33,500 was provided by Congress, the remainder having been derived from private sources. Congressional appropriations for these wards have been made as follows: For construction of building and improvement of grounds and approaches, \$31,500, and for equipment, \$7,000.

Since these wards have been opened there have been treated at Providence Hospital 52 cases of scarlet fever, 3 cases of diphtheria, 1 case of erysipelas, and 18 cases of measles. Five patients have been treated for one or more days pending diagnosis. In view of the fact that this hospital received cases of minor contagious diseases in quarters which had been provided at its own expense, prior to the construction of the special ward for such patients, the total number of such cases treated during the year was as follows: Fifty-four cases of scarlet fever, 28 of diphtheria, 1 of erysipelas, and 18 of measles. Of the entire number of patients suffering from minor contagious diseases

received and treated at Providence Hospital during the year, 88 were treated at public expense and 22 were private patients. The amount appropriated for the maintenance of the isolation wards at this institution was \$3,000. Garfield Memorial Hospital received 67 cases of diphtheria, 15 of scarlet fever, 32 of measles, and 6 mixed cases, and held 12 patients for one or more days pending diagnosis. Of these patients, 108 were treated at public expense and 24 were private patients. For the maintenance of the wards for contagious diseases at Garfield Memorial Hospital, Congress appropriated \$4,000.

#### SMALLPOX.

Seventy cases of smallpox occurred during the past year. These cases occurred in 27 premises located in the District, on 3 schooners plying on the Potomac River, and on a railroad train from New Orleans. The disease prevailed principally among the colored race, 54 of the patients having been of African descent. One was an Indian, who developed the disease while on a visit to this city. Four cases, 3 of which were of the same family and the fourth related by blood, were hemorrhagic in character and resulted in the early deaths of the patients. The entire number of cases does not represent a single outbreak, but the repeated importation of new cases from other jurisdictions—from Virginia, along the lower Potomac; from New Orleans, La.; and probably from the vicinity of Buffalo, N. Y.

Detailed statements of the history of the disease, as it has occurred during the past year, appear in the reports of the medical sanitary inspector and of the physician in charge of the smallpox hospital, printed in the appendix.

The insufficiency of the heating apparatus of the smallpox hospital has been provided for by the installation of an auxiliary boiler. Attention is invited to the need for improving both the roadways leading to and those within the hospital inclosure. The condition of the latter in bad weather interferes with the use of the ambulance, renders it difficult to haul coal, and deprives convalescent patients of all opportunity for outdoor exercise.

The advantages accruing to the public by having a place for the accommodation of persons suspected of having smallpox, pending diagnosis; of persons who have been exposed to that disease, pending the expiration of its period of incubation, and of the occupants of small houses requiring disinfection, has been amply demonstrated by the demands on the accommodations afforded by the buildings which have been provided for such use, commonly known as the "Detention Camp." These buildings are, however, merely rented quarters, illy adapted to their present purpose. It is recommended that a site be purchased and suitable buildings erected for the accommodation of the various classes of persons mentioned above. While there is no legal compulsion on such persons requiring them to go to a place of this character, yet the willingness with which large numbers went even to the uninviting quarters at present offered has demonstrated the feasibility of the plan of accommodating such people in an establishment such as is proposed. While persons in comfortable circumstances, occupying their own homes, may prefer to remain there, it is believed that any reasonable accommodation affording comfortable quarters and an opportunity for more or less exercise in the open air will be suf-

ficient to induce persons to leave their rooms in apartment houses, where they must be subjected to close confinement for periods varying from five days upward, and where they will prove sources of annoyance to other inmates of such buildings.

#### YELLOW FEVER.

In the summer of 1899 the presence of yellow fever near Phœbus, Va., confined chiefly to the Soldiers' Home, rendered it necessary to appoint inspectors to examine passengers on trains coming from that city. While this inspection service afforded a certain amount of protection, such protection was by no means complete in view of the facility with which persons from the city in which the infection existed could travel to neighboring places and purchase railroad tickets to Washington or other points. There appears to be no effective means by which a community can protect itself against infection from outside sources of this character, except by quarantining not only against the point of infection, but also against a very considerable territory around it, a method that must work unnecessary hardship on the traveling public and interfere with commerce. The only alternative is the establishment of a central bureau or department of the National Government with authority in matters of local, as well as interstate and international, quarantine. It is generally recognized, however, that the creation of a bureau or department with such authority will require an amendment to the Federal Constitution, but the interests at stake appear to be sufficiently important to justify even so radical a step to secure the desired end.

#### CONTAGIOUS DISEASES AMONG ANIMALS.

*Rabies.*—The number of cases of rabies among dogs increased from 8 in 1898-99 to 45 in 1899-1900. The progressive increase from October to December, 1899, rendered it necessary for the Commissioners to issue a proclamation requiring all dogs to be muzzled, as required by section 7 of the act of June 19, 1878. As the result of this proclamation and of the increase in the pound service which was provided to make it effective, between December 11, 1899, and June 18, 1900, the date of the expiration of the muzzling proclamation by limitation, 3,598 dogs were impounded, an increase of 2,771 over the corresponding period of last year. The receipts during this period for licenses to keep dogs increased from \$210.14 to \$2,030.83.

During the year 68 cases suspected of having rabies were reported to the health department. In 62 instances the remains of the dogs supposed to be so suffering were taken to the Bureau of Animal Industry, where, through the courtesy of Dr. D. E. Salmon, the chief of that Bureau, examinations were made to determine the correctness of the supposition as to the nature of the ailment. In 41 cases such animals were found to have suffered from rabies. Fifteen persons are known to the health department to have been bitten during the year by animals suffering from that disease. Of these, 10 submitted themselves to the Pasteur treatment. No cases of hydrophobia in the human being developed.

*Glanders.*—No cases of glanders have been reported during the past year.

*Hog cholera.*—Hog cholera has occurred from time to time among the animals quartered at the stock yards awaiting slaughter.

*Tuberculosis.*—So far as has been revealed by the inspection of cattle connected with dairy farms in this District, there has been no marked diminution in the prevalence of tuberculosis among them.

#### PERMITS TO OBSTRUCT TRAVEL.

The number of permits to obstruct travel so as to secure quiet for persons seriously ill has continued to increase. In 1897-98 it was 44; in 1898-99, 61; and in the past year, 75. The average length of time covered by each permit has lengthened, so that in the year covered by this report it had reached 11.4 days. The number of physicians signing certificates in order to secure the issue of such permits was, in 1897-98, 40; in 1898-99, 48; and in 1899-1900, 67.

The previous recommendation of this department that the issue on account of illness of permits to obstruct travel in the vicinity affected be regulated by law or discontinued is respectfully renewed.

TABLE I.—Permits issued to rope off streets and alleys to cause temporary suspension of travel in consequence of serious illness, etc., during eight years ended June 30, 1900.

Fiscal year.	July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.	Total.	Total permit days.	Average time of each permit.	Total number of physicians certifying.
1892-93.....	10	14	8	6	6	4	1	6	3	4	9	11	82	427	5.2	56
1893-94.....	11	12	8	11	4	4	5	4	6	4	5	12	86	860	10	62
1894-95.....	16	12	9	7	7	2	5	5	8	3	13	9	91	670	7.3	71
1895-96.....	9	13	15	5	4	5	3	1	8	7	7	12	77	428	5.5	63
1896-97.....	19	15	9	5	2	5	4	1	5	...	6	10	81	624	7.7	66
1897-98.....	7	7	8	2	0	5	1	1	1	3	5	4	44	344	7.8	40
1898-99.....	17	8	8	6	2	2	3	1	3	4	4	3	61	489	8	48
1899-1900.....	12	13	8	11	5	2	3	1	2	0	11	8	75	856	11.4	67

#### CHEMICAL LABORATORY.

The work of the chemical laboratory has been of the usual character, and has shown, too, the usual increase. The total number of specimens examined in 1898-99 was 707, while during the past year they amounted to 787. The principal articles examined were milk, 413 samples; water, 255; drugs, 42; cream, 39; and butter, 17. Nine specimens submitted by the police department have been analyzed to assist in the detection of crime. Of the public wells investigated by this department, approximately 9 per cent were condemned; of the private wells, excluding those on dairy farms, approximately 40 per cent; and of wells on dairy farms, approximately 50 per cent. Practically, therefore, 20 per cent of all wells investigated were condemned. The examination of milk has shown that the greater portion of it received at the depots in this district ranges from 10 to 30 per cent above the legal standard, viz, not less than 12½ per cent of milk solids nor less than 3½ per cent butter fat. Only rarely does a sample fall even slightly below this standard, unless it has been tampered with. Most of the skimming and watering, of which there has been but lit-

tle, seems to be the result of local enterprise. Five samples showed the presence of formic aldehyde. Prosecutions were instituted where deemed proper, and in each such case collateral was forfeited or fine imposed.

Examination of 11 samples of seidlitz powders, collected at random throughout the city, showed that a majority varied greatly from the standard laid down in the United States Pharmacopœia, the variation reaching in one case 80 per cent. Samples of Hoffman's anodyne were found to be without ethereal oil. In all cases where the variation was deemed material the facts were referred to the attorney for the District for prosecution. One of the cases came to trial in the police court and resulted in an acquittal. It was, however, carried to the court of appeals, where the judgment of the lower court was reversed because of error in instructions to the jury. The opinion handed down by the court of appeals seems to establish for this jurisdiction the rule that dealers in drugs are conclusively presumed to know their composition. Indirectly the health department was interested in a prosecution instituted by the police department, alleging the sale, by a druggist having no liquor license, of "an intoxicating beverage, to-wit, a certain malt extract, containing 4.19 per cent of alcohol by volume." In this case the defendant was convicted, but on appeal the judgment of the lower court was set aside and the case remanded for a new trial. Both of the opinions referred to are printed at length in the appendix.

In connection with the work of the chemical laboratory, examinations were made of the heating and ventilation of certain of the public school buildings. Memoranda relative to the results of such examinations, with suggestions based thereon, will be found in the report of the chemist, which appears in the appendix.

#### INSPECTION SERVICE.

*Nuisances.*—A statement of the number and character of nuisances which have been abated at the instance of this department appears below. The total number is approximately the same as during last year. The general condition of the yards of the city has been somewhat better than heretofore, as shown by a decrease of the number of nuisances connected therewith—from 2,662 to 2,359. There occurred, too, a smaller number of nuisances connected with box privies, the decrease being from 3,559 to 3,300. The number of full privies which required attention diminished from 2,546 to 2,133. Sewer and water connections, including the substitution of water-closets for box privies, have been required in 381 cases. The average number of nuisances abated per month has been approximately 975. As usual the largest number occurs during the months of June, July, and August.

TABLE K.—Consolidated report of nuisances for the year ended June 30, 1900.

Nature of nuisance.	1899.						1900.						Total.
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June.	
Alleys, filthy .....	43	19	27	14	11	18	9	6	8	15	35	21	226
Alleys, need repair.												1	2
Arcs .....	8	3	6	2	3	1		2	1	1		4	35
Ashes .....	7	10	7	8	2	12	15	6	15	31	13	4	130
Cellars .....	15	27	7	15	11	10	4	4	7	10	18	40	168
Drainage, surface ..	67	66	73	74	43	28	26	28	32	27	68	89	621
Garbage .....	142	167	122	73	84	46	35	37	43	35	55	95	934
Gutters .....	1	1		3									5
Hogpens .....	1				1		1				1		4
Houses, filthy .....	6	9	5	5	5	9	1	3	3	11	4	2	63
Houses, unfit for habitation.	4							1	1		2	4	12
Houses, slaughter ..												1	1
Houses, no privy ..	6	17	9	6	3	2		4	3	7	5	1	63
Lots, filthy .....	45	29	47	35	15	14	6		11	14	12	87	315
Lots, stagnant water.	13	29	6	6	11				4	2	9	32	112
Manure .....	6	8	6	7	3	3	7	4	7	9	13	13	86
Markets, public .....		1											1
Miscellaneous .....	136	77	78	44	31	36	40	13	39	49	48	173	764
Pumps .....			1										1
Pipes, water .....											1		1
Ponds .....										1	1		2
Privies, filthy .....	54	66	53	38	25	71	26	50	83	60	48	28	602
Privies, unlawful ..	15	50	40	17	59	8	13	80	155	8	24	15	484
Privies, full .....	164	258	127	183	277	174	139	102	137	193	246	133	2,133
Privies, leaky boxes	6	16	10	10	5	7			2	9	11	5	81
Roofs, leaky .....	4	2	8	4	9		3	3	6		1	5	45
Sewers .....	75	70	63	82	82	69	80	67	81	87	96	103	955
Sewers, connections.	6	14	44	25	16	21	20	15	38	16	29	21	265
Stables .....	12	13	6	14	10	8	9	4	2	9	7	22	116
Streets, filthy .....			1										1
Traps, sewer .....	5	3	3		1						2	2	16
Yards .....	181	157	190	191	153	152	222	129	298	284	227	175	2,359
Yards, cow .....	17	13							2				32
Yards, privy .....	1												1
Vaults, privy .....	61	65	70	84	73	67	119	79	129	103	104	99	1,053
Water-closets .....			1										1
Wharves .....		1	12										13
Weeds .....				2									2
Wells .....													
Total .....	1,101	1,191	1,022	942	933	756	775	637	1,108	981	1,084	1,175	11,705

*Food inspection.*—A tabular statement of the work of the department relative to the inspection and condemnation of unwholesome food will be found in Table L. The increase in the amount of beef condemned, from 14,624 pounds to 96,262 pounds, in the amount of mutton, from 4,559 pounds to 11,263 pounds, and in the amount of veal, from 1,194 pounds to 2,734 pounds, was due to the burning, in the month of June, of the abattoir at Benning. This fire spoiled a large quantity of meat which was not actually destroyed, and which required formal action by this department to secure its condemnation. The increase in the condemnation of bananas of from 1,362 dozen to 36,885 dozen resulted from the freezing of several carloads of this fruit during the cold spell in January. The condemnation of cantaloupes increased from 15,961 to 141,285, because of the large condemnations of the Colorado fruit. The scarcity of potatoes accounts for the decrease in the quantity condemned, from 2,227½ bushels to 390 bushels; the increased condemnations of pineapples, from 30 to 807, and of rhubarb, from 19 bunches to 1,170 bunches, were due to the increased quantities brought to local markets; on the other hand the decrease in the condemnation of radishes from 11,983 bunches to 3,522 bunches, was due to an improvement in the quality of such vegetables.

TABLE L.—Unwholesome food condemned during the year ended June 30, 1900.

Articles.	1899.					
	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Beef.....pounds..	985	1,026	769	1,450	1,255	1,573
Mutton.....do....	588	486	425	486	367	466
Veal.....do....	167	265	114	130	70	97
Pork.....do....	942	554	773	879	800	1,851
Bacon.....do....	539	145	240	556	349	266
Sausage.....do....	101	94	131	272	243	381
Chickens.....number..	25	50	49	81	38	98
Turkeys.....do....					1	45
Ducks.....do....				2	35	13
Birds.....do....		324	625	107	67	170
Rabbits.....do....				83	181	393
Squirrels.....do....					5	53
Apples.....bushels..	16	44	43	18	10	
Peaches.....do....	6	1	11		1	
Pears.....do....		26	11	22	14	
Plums.....do....	1	2	2			
Bananas.....dozen..	2	8	2	46	14	6
Lemons.....do....	6	6	3	2	2	
Grapes.....pounds..		110	1,024	880	748	20
Berries.....quarts..	535					
Cherries.....do....	39					
Cantaloupes.....number..	131,739	6,131	1,685	1,100		
Watermelons.....do....	41,106	4,522	10,657	73		
Pineapples.....do....	7					
Asparagus.....bunches..	38					
Beets.....do....	7			6		
Celery.....do....		40	158	130	218	19
Lettuce.....number..	45	45	11		15	
Cabbage.....do....	131	448	9	173	290	
Cymplings.....do....	451	2,250	2,236	250		50
Eggplants.....do....	80	200	664	128	40	510
Cauliflower.....do....		130			75	85
Corn.....dozen..	113	204	39	65		
Cucumbers.....do....	347	34	2			
Kale.....bushels..				9	6	5
Spinach.....do....						2
Potatoes.....do....	7					8
Pease.....do....			29	118	36	3
Beans.....do....	11	12		1		24
Turnips.....do....				7	14	4
Tomatoes.....do....	151	65	106	281	5	1
Miscellaneous fruits and vegetables.....do....	106	205	105	172	115	91
Eggs.....dozen..	119	24	206	16		
Radishes.....bunches..		25			220	
Pumpkins.....number..					5	
Onions.....bushels..					11	15
Opossum.....number..				7		

Articles.	1900.						Total.
	Jan.	Feb.	Mar.	Apr.	May	June.	
Beef.....pounds..	590	750	652	2,112	1,655	82,845	96,262
Mutton.....do....	266	302	366	530	414	6,567	11,263
Veal.....do....	196	31	16	53	83	1,572	2,734
Pork.....do....	653	1,224	1,050	827	866	867	11,286
Bacon.....do....	97	71	10	132	10	321	2,736
Sausage.....do....	282	288	219	398	93	75	2,577
Chickens.....number..	86	55	62	43	65	49	701
Turkeys.....do....	14	14	5	4			83
Ducks.....do....	10	18	10				88
Birds.....do....	29	15	13				1,350
Rabbits.....do....	530	28					1,215
Squirrels.....do....	9						67
Apples.....bushels..	2						133
Peaches.....do....						3	22
Pears.....do....							73
Plums.....do....							5
Bananas.....dozen..	36,623	27	8	48	90	11	36,885
Lemons.....do....		6				3	9
Grapes.....pounds..	5	3	2				29
Berries.....quarts..	65						2,847
Cherries.....do....		102	185	575	1,042	861	3,300
Cantaloupes.....number..						351	390
Watermelons.....do....						630	141,285
Pineapples.....do....							56,358
Asparagus.....bunches..				17	600	200	807
					270	39	364



TABLE L.—*Unwholesome food condemned during the year ended June 30, 1900—(Cont'd.)*

Articles.	1900.						Total.
	Jan.	Feb.	Mar.	Apr.	May.	June.	
Beets.....bunches..	12	7	29	8	37	89	195
Celery.....do.....	38	197	75	85			960
Rhubarb.....do.....				1,150	20		1,170
Lettuce.....number..	806	810	331	983	556	573	4,175
Cabbage.....do.....	21	225	58	500	340	226	2,421
Cymplings.....do.....	880	150			137	347	6,751
Eggplants.....do.....	500		200	30	7		2,359
Cauliflower.....do.....	57	130	370			7	854
Corn.....dozen.....							421
Cucumbers.....do.....	76				34	434	927
Kale.....bushels..	11	145	93	75	38		382
Spinach.....do.....		27	54	38	10		131
Potatoes.....do.....	20	32	6	27	20	87	390
Pease.....do.....			5	5	4	4	21
Beans.....do.....	28	2			6	25	109
Turnips.....do.....	9	5	10	5	13	6	73
Tomatoes.....do.....	63	44	76	19	19	11	841
Miscellaneous fruits and vegetables.....do.....	54	67	68	119	159	165	1,426
Eggs.....dozen.....					45		410½
Radishes.....bunches..	200	1,000	450	1,190	437		3,522
Pumpkins.....number..	40	34	10	20			109
Onions.....bushels..				20	19		65
Opossum.....number..							7
Sauerkraut.....gallons..	20				60		80
Carrots.....bunches..	12						12
Parsnips.....bushels..				10			10

A statement relative to the inspection of certain classes of food for the purpose of determining whether adulterated or not appears in connection with the discussion of the work of the chemical laboratory and at greater length in the report of the chemist.

*Marine products.*—The inspection of marine products has shown no material variation in character or amount during the past year. The amount and character of such work is shown in the following table:

TABLE M.—*Inspection and condemnation of marine products for the year ended June 30, 1900.*

Articles.	1899.					
	July.	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Inspections.</i>						
Oysters.....bushels..	1,400	2,000	28,100	54,800	56,000	73,500
Clams.....number..	576,800	604,000	500,000	203,000	190,000	147,000
Crabs.....do.....	376,600	328,400	196,000	39,300	7,200	
Mackerel.....do.....	7,860	9,670	4,718			
Sheepshead.....do.....			115			
Sturgeon.....do.....	23	14	29	1		
Trout.....do.....		6				
Turtles.....do.....	16	7	44	23		
Drumfish.....do.....	9			14		
Carp.....do.....	62	10		130	792	1,570
Black bass.....do.....			794	4,490	9,650	20,246
Porgies.....do.....	90					
Fish.....bunches..	57,567	29,277	68,416	69,314	54,766	23,673
<i>Condemnations.</i>						
Oysters.....bushels..			30	1,399		2
Clams.....number..	58,745	17,450	11,900	6,400	6,100	6,500
Crabs.....do.....	54,479	51,927	35,326	10,900	3,200	
Fish.....bunches..	1,121	413	949	2,904	1,047	750
Turtles.....number..			3	4		
Sturgeon.....do.....		1	3			

TABLE M.—*Inspection and condemnation of marine products, etc.*—(Continued.)

Articles.	1900.						Total.
	Jan.	Feb.	Mar.	Apr.	May.	June.	
<i>Inspections.</i>							
Oysters.....bushels..	30,900	33,900	47,900	18,900	5,600	2,000	355,000
Clams.....number..	98,000	89,000	163,000	289,000	965,000	993,000	4,817,800
Crabs.....do.....			4,500	66,600	243,500	339,500	1,592,600
Mackerel.....do.....						5,426	27,674
Sheepshead.....do.....	820						935
Sturgeon.....do.....			1	26	209	37	340
Trout.....do.....							6
Turtles.....do.....							165
Drumfish.....do.....					43	32	63
Carp.....do.....	957	373	967	361	646	327	6,195
Shad.....do.....		5	21,170	170,911	39,817	3,306	235,209
Black bass.....do.....	13,835	15,170	17,255			105	81,545
Herring.....do.....	155	4,590	1,139,900	5,356,000	1,323,000		7,823,645
Hickory-jacks.....do.....			984	5,106			6,090
Porgies.....do.....					61	1,445	1,596
Fish.....bunches..	17,266	14,600	40,298	47,443	91,091	68,545	582,256
Lobsters.....number..					1		1
Frogs.....do.....					24		24
Soft crabs.....dozen..						35	35
Terrapins.....do.....		50					50
<i>Condemnations.</i>							
Oysters.....bushels..				40	250		1,721
Clams.....number..	5,700	4,900	6,900	7,700	24,800	24,535	181,630
Crabs.....do.....			1,600	13,400	45,072	72,750	288,654
Fish.....bunches..	669	417	1,274	2,156	1,962	952	14,114
Turtles.....number..							12
Sturgeon.....do.....					4	1	4
Herring.....do.....							502,700
Shad.....do.....				224,000	268,700		194
Carp.....do.....				103	91		45
Porgies.....do.....			16	3	20	6	14
Hickory-jacks.....do.....						14	490
Frogs.....do.....				490			24
Soft crabs.....do.....					24		35

The numbers of carp and of black bass brought to local markets have very materially increased. In 1898-99, 3,460 carp and 18,965 black bass were inspected. During the past year the corresponding figures have been 6,195 and 81,545. The number of porgies has, however, decreased from 6,870 to 1,596.

Although the District has a monopoly of the landing of fish and owns the fish wharf, it has made no proper provision for conducting the business. The result has been that during the past summer and spring, as annually heretofore, complaints have been made by those residing or having business in the vicinity of the fish wharf. The nuisance resulting from the business conducted at this establishment can not be avoided until suitable provision has been made for the receipt and distribution of the fish and for the disposal of the refuse. It is urged that steps toward this end will be taken at an early date.

*Live stock inspection.*—During the year 110 inspections were made of stock yards and slaughterhouses. In order to secure an efficient inspection of live stock it will be necessary to increase the inspection force, to register places of slaughter, and to regulate the hours of killing. With the large number of small slaughterhouses scattered throughout the District, practically without restriction as to change of location and without any limitation whatsoever as to the hours of slaughter, it is impossible to maintain a satisfactory oversight of the live stock killed.

*Inspection of dairy farms and dairy products.*—Thirty-three applications have been received during the year for permission to maintain dairy farms in the District of Columbia. Of these applications, 20 have

been granted and 13 rejected. Eighty-six applications for permits to maintain dairies were filed, of which 67 were granted and 19 rejected. Eighty-four applications were made for permission to bring milk into the District, of which 81 were granted and 3 rejected. The total number of permits to maintain dairy farms in the District which have been issued since the current law went into effect, March 2, 1895, has been 272; of these 130 have been canceled, leaving 142 in force. During the same period 829 permits were issued for the maintenance of dairies, 439 of which were canceled, leaving 390 in force. The total number of permits issued to bring milk into the District has been 759, of which 105 have been canceled and 654 are in force. The issue of the various classes of permits just described involves a considerable amount of work, for which the District receives no revenue. The amount of such work is largely increased, it is believed, by the fact that no charge is made for such permits. The facility with which new permits can be secured is objectionable also in that it makes milk dealers more willing to move from place to place, and, therefore, less willing to make such improvements as are necessary for the proper conduct of their business in the places where they happen to be located. It is believed that the best interests of the community would be served by charging a fee for each permit issued, partly because the amount so received would tend to defray the expense of the work of issuing such permits and of maintaining a satisfactory inspection service, but largely because it would secure permanence of location of dairies and dairy farms.

There has been no change in the extent or character of the inspection of dairies and dairy farms during the past year. Of the farms in the District 616 inspections have been made; of farms in Virginia, 86, and of those in Maryland, 106. Fifty-four dairy cows have been condemned in the District, 28 in Virginia, and 36 in Maryland. The inspection of local farms has extended to all, but of the outlying farms only those within driving distance have been examined, viz, 84 in Virginia and 63 in Maryland. In view of the fact that Congress provided an additional inspector for the inspection of dairies and dairy farms, it is proposed during the next year to extend such inspection to the outlying farms.

During the year an outbreak of scarlet fever occurred through milk infection. The one recorded in the last report was due to infection on the dairy farm and occasioned 65 cases. The one which occurred during the past year is believed to have been due to infection in the dairy and caused 33 cases.

A more extended statement of the inspection of live stock and dairy farms can be found in the appendix in the report of the inspector of live stock and dairy farms. The subject of dairy products is dealt with in the report of the chemist, which also appears in the appendix.

*Smoke inspection.*—The act for the prevention of smoke in the District of Columbia, and for other purposes, approved February 2, 1899, became operative August 2 of the same year. The act itself allowed six months for compliance with its terms, but on the date above mentioned, when it became operative, there was no evidence of any material effort having been made to conform to its requirements. Inspections soon led to prosecutions. At the very beginning, however, such prosecutions received a setback by a ruling in a case tried in the police court, making it necessary for the Government, in order to secure a convic-

TABLE M.—*Inspection and condemnation of marine products, etc.—Continued.*

Articles.	1900.						Total.	
	Jan.	Feb.	Mar.	Apr.	May.	June.		
<i>Inspections.</i>								
Oysters .....	bushels..	30,900	33,900	47,900	18,900	5,600	2,000	355,000
Clams .....	number..	98,000	89,000	163,000	289,000	965,000	993,000	4,817,800
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Sheepshead .....	do.....	820						935
Sturgeon .....	do.....			1	26	209	37	310
Trout .....	do.....							6
Turtles .....	do.....					43	32	165
Drumfish .....	do.....						40	63
Carp .....	do.....	957	373	967	361	646	327	6,195
Shad .....	do.....		5	21,170	170,911	39,817	3,306	235,209
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Hickory-jacks .....	do.....			984	5,106			6,090
Porgies .....	do.....					61	1,445	1,596
Fish .....	bunches..	17,266	14,600	40,298	47,443	91,091	68,545	582,256
Lobsters .....	number..					1		1
Frogs .....	do.....					24		24
Soft crabs .....	dozen....						35	35
Terrapins .....	do.....		50					50
<i>Condemnations.</i>								
Oysters .....	bushels..				40	250		1,721
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Sturgeon .....	do.....							4
Herring .....	do.....							
Shad .....	do.....				234,000	268,700		502,700
Carp .....	do.....				103	91		194
Porgies .....	do.....			16	3	20	6	45
Hickory-jacks .....	do.....						14	14
Frogs .....	do.....				490			490
Soft crabs .....	do.....					24		24
							35	35

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tion, to prove that the emission of smoke caused or allowed by the defendant amounted to a common-law nuisance. Subsequently, however, a prosecution was instituted in the same court, but before a different judge, and the ruling previously laid down as to the evidence required having been modified, the defendant was convicted January 7, 1900, and fined \$30. A few days later prosecutions were instituted against the proprietors of 8 large business establishments. Action was suspended in all of these cases but one, with the understanding that if the defendant was convicted it would be carried to the higher court in order to determine the validity of the law. A conviction was secured, an appeal noted, and on May 8, 1900, a decision rendered by the court of appeals sustaining the rulings of the lower court and the validity of the law. Since this decision has been rendered the various parties responsible for existing violations of the law have been communicated with, with the expectation that they would comply without further prosecutions being inaugurated. In some instances this expectation has been realized, but in most cases the smoke still continues to escape.

*Removal of weeds.*—The act of March 1, 1899, to cause the removal of weeds, etc., has been enforced in but few instances during the period covered by this report. The general enforcement of this act would have involved so much work as, in the absence of any increase in the inspection force, seriously to interfere with other and more important work of the department. Moreover, no appropriation was made for carrying out its provisions so far as they related to the property of nonresidents. In view of these facts but little has been accomplished.

The method of enforcing this act is practically as follows: On receipt of complaint, or otherwise, one of the inspectors of the health department locates weeds more than 4 inches high on certain land. If such land be not inclosed it is necessary for him to determine by measurement the lot and block on which they are situated. Having thus located them he must continue his investigations until he learns the name and address of the owner of such land. Having done this, (1) if the owner or agent reside in the District a notice must be prepared and served on him requiring the removal of the objectionable vegetation; or, (2) if the owner be a nonresident, an advertisement must be prepared, for publication by the Commissioners, requiring the necessary work to be done.

After the expiration of the time allowed by the notice—one week, if the owner be a resident, and practically two weeks if the owner be a nonresident—another inspection must be made to determine whether its requirements have been complied with. If they have not, (1) in the case of residents, the information must be filed in the police court to secure their presence in court for trial, and when they thus appear the inspector must be present to testify; or, (2) in case of nonresidents, the necessary formal report must be made to the Commissioners in order to have the weeds removed, and after they have been thus removed the special assessment division must be notified to effect the necessary assessment. From the foregoing statement it will be seen that the present method, although recently devised, is cumbersome, and if adhered to will necessitate a largely increased force of inspectors in the health department during the summer months. The same result could, it would appear, be practically accomplished at much less

cost by requiring all objectionable weeds to be removed on certain specified dates, and providing that if they were not so removed, the work may be done by the Commissioners without further notice, and the cost immediately assessed against the property. I respectfully recommend that the law be so amended as to effect this change.

## GARBAGE AND DEAD ANIMALS.

The amount of garbage collected during the past year was 24,339 tons; the number of dead animals, 12,170. Complaints of neglect on the part of the garbage contractor numbered 1,129, of which 577 were charged to neglect on the part of the contractor, 88 to neglect on the part of the householder, while in 325 cases it was impossible to fix the responsibility, and in 138 cases what were formerly charged as complaints were found to be requests for new service. The method of collection and disposal remained the same as described in the report for 1897-98. The usual tabular statements as to the amount of garbage, dead animals, and night soil collected and disposed of and as to the cost and certain miscellaneous features of the garbage and dead-animal service, are appended.

TABLE N.—*Offal removed during the year ended June 30, 1900.*

Month.	Dead animals.	Garbage.	Night soil.
1899.	<i>Number.</i>	<i>Tons.</i>	<i>Barrels.</i>
July .....	1,037	2,185	525
August .....	1,647	3,906½	570
September .....	1,241	3,079½	720
October .....	840	2,150½	406
November .....	697	1,567	575
December .....	1,515	1,498½	390
1900.			
January .....	898	1,637½	425
February .....	582	1,373½	473
March .....	655	1,346½	360
April .....	917	1,576½	603
May .....	1,100	2,025	590
June .....	1,041	1,993	520
Total .....	12,170	24,339	6,157

TABLE O.—*Offal removed for ten years ended June 30, 1900.*

Year.	Dead animals.	Garbage.	Night soil.	Year.	Dead animals.	Garbage.	Night soil.
	<i>Number.</i>	<i>Tons.</i>	<i>Barrels.</i>		<i>Number.</i>	<i>Tons.</i>	<i>Barrels.</i>
1890-91 .....	9,910	24,683	19,671	1895-96 .....	7,712	17,270½	11,300
1891-92 .....	10,528	22,039	18,640	1896-97 .....	7,161	18,928½	7,759
1892-93 .....	9,649	14,814	15,725	1897-98 .....	10,129	23,167	7,416
1893-94 .....	10,340	14,172	11,284	1898-99 .....	8,162	20,946	6,497
1894-95 .....	7,512	23,227½	9,720	1899-1900 .....	12,170	24,339	6,157

TABLE P.—*Statement of garbage and dead animal service for the year ended June 30, 1900.*

	Total.	Average per day.	Average per 1,000 inhabit- ants.
Garbage collected.....tons.....	24,339	66.68	87.37
Dead animals.....number.....	12,170	33.34	
Complaints.....do.....	1,129	3.09	
Cost, total amount of contract.....	\$57,000.00		
Cost per ton.....	\$2.34		
Cost per collection.....	\$259.95		
Deductions:			
Pay of weighmaster.....	\$782.50		
Fines.....	159.00		
Pay of special inspectors.....	33.00		
Daily service:	\$974.50		
Vehicles in service.....		54	
Horses in service.....		61	
Men in service.....		54	
Semiweekly service:			
Vehicles in service.....		32	
Horses in service.....		39	
Men in service.....		32	

It is to be noted as a matter for congratulation that provision has been made, as recommended by this department, for the collection and disposal of ashes, miscellaneous refuse, and the contents of box privies at public expense. With the transfer of the garbage and dead-animal service to the bureau of street and alley cleaning, and the organization of a general scavenger service under the supervision of that bureau to collect and dispose of all city wastes, the health department is, of course, relieved to a certain extent from the responsibility for overseeing the work. The general supervision, however, of the collection and disposal of such material is so intimately associated with the matter of nuisance that it is and will be impossible for the department to ignore the matter altogether.

#### POUND SERVICE.

The work of the pound service was increased very much during the year by the presence of rabies and by the resulting necessity for the issue of a proclamation requiring all dogs to be muzzled and the corresponding necessity for impounding unmuzzled dogs. The total number of animals impounded was 6,374, an increase of 4,029. Of this increase, 3,986 were dogs. The total number of dogs impounded was 6,260, of which 5,054 were killed.

The total receipts of the pound service were, from fees, \$1,978, and from sales, \$231.85. The cost of the service was, of course, considerably increased by the necessity for employing additional laborers and for hiring additional horses and wagons. In view of the fact that the ordinary expenses of the pound are merely a part of the regular contingent expenses of the health department, and in view further of the fact that in the supervision of the work of the pound the health department has been materially aided by police officers detailed for that purpose, it is impossible to state the exact cost of the service. It has, however, during the past year been approximately \$5,349.59. The usual tables relative to the work of the pound service appear below.

Recommendations for the purchase of a site for the pound, and for the construction of a building for that purpose and as a general stable for the health department, are respectfully renewed.



TABLE Q.—Operations of the pound for the year ended June 30, 1900.

Month.	Impounded.							Disposition.						
	Horses.	Mules.	Cows.	Hogs.	Goats.	Geese.	Dogs.	Total.	Redeemed.	Killed.	Dogs killed.	Returned.	Sold.	Amounts received. From fees.      From sales.
1899.														
July.....	8	2	...	...	...	...	135	145	10	131	131	...	4	\$20.75      \$6.00
August.....	212	1	...	...	2	...	678	683	62	578	578	33	10	123.00      18.00
September....	...	...	...	...	...	...	626	631	25	574	574	20	12	54.00      19.25
October.....	12	...	...	...	9	22	186	519	56	421	421	24	17	80.25      22.85
November....	7	...	10	...	1	6	396	420	52	313	312	35	21	94.75      22.75
December....	1	...	1	...	5	...	1,352	1,359	144	1,126	1,125	59	29	287.50      41.75
1900.														
January.....	2	...	2	...	...	...	692	696	166	518	518	...	13	332.25      25.50
February.....	12	...	...	...	...	...	367	369	95	265	265	...	9	192.50      18.00
March.....	...	...	...	...	1	4	272	277	71	195	195	...	11	141.00      16.00
April.....	1	2	...	...	...	...	184	187	35	148	148	...	4	73.00      8.00
May.....	1	2	4	1	...	...	491	499	107	385	385	...	7	214.00      16.00
June.....	7	...	...	...	1	...	581	589	176	403	402	3	7	365.00      17.75
Total...	38	7	17	1	19	32	6,260	6,374	999	5,057	5,054	174	144	1,978.00      231.85

TABLE R.—Animals impounded during the ten years ended June 30, 1900.

Year.	Horses.	Cows.	Calves.	Mules.	Hogs.	Geese.	Sheep.	Goats.	Dogs.	Total.
1890-91.....	60	131	1	5	2	78	...	26	2,523	2,826
1891-92.....	62	109	...	20	2	28	1	20	3,077	3,319
1892-93.....	76	38	...	5	2	3	...	33	2,963	3,120
1893-94.....	88	26	...	12	...	...	7	21	3,408	3,562
1894-95.....	80	26	...	6	1	18	...	11	3,601	3,743
1895-96.....	64	18	...	3	...	17	...	3	3,226	3,331
1896-97.....	60	13	...	12	1	7	...	9	2,962	3,064
1897-98.....	54	7	...	7	...	...	...	5	2,889	2,962
1898-99.....	40	15	...	8	...	2	...	6	2,274	2,345
1899-1900.....	38	17	...	7	1	32	...	19	6,260	6,374
Total.....	622	400	1	85	9	185	8	153	33,183	34,646

## PROSECUTIONS.

The general practice of the United States district attorney, the attorney for the District, and of the police court with reference to the disposal of cases referred from the health department remains the same as heretofore.

## LEGISLATION.

The only law relating to sanitary matters enacted during the past year was the following provision in the appropriation bill:

Said Commissioners are hereby authorized to make all regulations necessary for the collection and disposal of miscellaneous refuse, ashes, dead animals, and night soil, and to annex to such regulations such penalties as may, in the judgment of said Commissioners, be necessary to secure the enforcement thereof.

## MISCELLANEOUS.

*Filtration of Potomac water.*—The appropriation of \$200,000 for beginning work toward the filtration of the public water supply is one of the most important steps toward securing the welfare of this city

which has been taken in recent years. While the particular method of filtration to be adopted has not been decided upon it may safely be asserted that if the English filter-bed system—that is, simple sand filtration—be adopted, a good water will be secured and there will be a material decrease in the typhoid fever death rate. The adoption of the American filter system—that is, rapid filtration effected by the chemical treatment of the water—would have more about it in the nature of an experiment, and while it might yield a clear, sparkling water, would not, judging from the experience of other cities, be so likely to diminish the danger of the transmission of disease.

*Medical inspection of schools.*—Attention is again invited to the need of a system of medical inspection in connection with the public schools. The value of such inspection, so far as relates to the heating, lighting, and ventilating of schoolrooms, will lie to a certain extent in its educational value to teachers. By having their attention invited from time to time to defects with reference to these matters they will sooner or later learn how to prevent and how to correct them, even prior to a visit of the inspector. To a less extent this holds good with reference to the training which teachers will derive with respect to the propriety of excluding from school children physically unfit to be there, either because of debilitating illness, and, therefore, requiring exclusion for their own sake, or because suffering from contagious diseases, and requiring exclusion for the sake of their associates. This, however, is essentially a medical matter, and will require constant watchfulness on the part of trained observers. It is hoped that something may be accomplished during the current year toward the establishment of some such system.

*Municipal bath houses.*—Attention is invited also to the need for the establishment of one or more public bath houses. A large number of our dwellings are without bathing accommodations, and, therefore, a large part of our population goes unwashed. As a means of promoting public health and of enabling those desiring to do so to learn how to swim, and thus possibly indirectly effect a saving of life, the value of such institutions is too clear to need argument.

The health department has, as usual, to acknowledge its indebtedness to Dr. Walter Wyman, Supervising Surgeon-General of the United States Marine-Hospital Service, and to Dr. D. E. Salmon, Chief of the Bureau of Animal Industry of the Agricultural Department. But for the assistance afforded by Dr. Salmon, in connection with the outbreak of rabies, the health department would have found it impossible to have determined the correctness of the diagnoses in the numerous cases of dogs suspected of suffering from that disease.

Respectfully,

WM. C. WOODWARD, M. D.,  
*Health Officer.*

THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

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APPENDICES

TO THE

REPORT OF THE HEALTH OFFICER

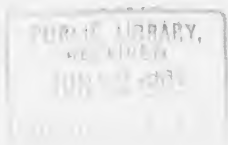
OF THE

DISTRICT OF COLUMBIA.

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The publication of these reports as appendices to the report of the Health Officer is not to be construed to mean that the opinions and recommendations set forth in them have been adopted by the Health Department.





## APPENDIX A.

### REPORT OF THE MEDICAL SANITARY INSPECTOR.

SIR: I have the honor to submit the following report relative to the scarlet fever and diphtheria service for the fiscal year ending June 30, 1900:

During the year 1,109 cases of diphtheria, with 197 deaths therefrom, were reported to this department. The proportion of cases to the total population was 39.17 per each 10,000. Of the whole number of cases only 211, or 19 per cent, were colored.

While the number of cases occurring among this portion of our population is so very much smaller than among the whites the death rate is as usual very much higher. Of the whites 144 died, a mortality rate of 16 per cent, while 53 of the colored cases succumbed, making a death rate of 25.1 per cent. The mortality for all cases was 17.76 per cent. A comparison of Table I with that of the report of 1898-99 shows an increase of 50 in the number of cases of diphtheria reported; also an increase in the general mortality of 1.23 per cent. There has been a decrease of 93 in the number of colored cases, while the death rate has increased from 21.7 per cent to 25.1 per cent. Table II shows the ages of the patients, and, as in former years, that the largest number of cases reported was between the ages of from 3 to 12 years, 68.9 per cent of all cases occurring during that period of life. There was a decrease in the death rate of children under 1 year of age, but a marked increase in those over 12.

In the bacteriological laboratory there were examined 3,157 cultures for diagnostic purposes and to determine the termination of quarantine. The number of primary cultures was 1,209, and of these 567, or 46.9 per cent, were positive. While the total number of cultures examined was slightly increased (227) over the number for the previous year, it is not pleasing to note that the number of primary cultures decreased from 1,312 to 1,209. It is hoped this does not indicate carelessness on the part of the medical profession or a tendency to rely on the clinical aspect of the disease to the exclusion of the bacteriological. This particular branch of the service has been of inestimable value in the past in determining the presence of the disease germs where there were no other symptoms, and by the isolation of the persons in whose throats the organisms were found outbreaks in several institutions have been aborted. We hope the physicians will avail themselves more of its advantages.

Of scarlet fever there were reported, as shown in Table III, 893 cases, of which number 23, or 2.57 per cent, terminated fatally. The number of cases reported was 101 less than during the year ending June 30, 1899. The death rate, however, was slightly increased—from 2.11 per cent to 2.57 per cent. The cases occurred in the proportion of 32.13

to each 10,000 of the population. Only 57 of the cases were colored, among whom the death rate was 8.77 per cent. The mortality of the white cases was 2.15 per cent. This is a slight increase in the mortality among the whites over the previous year, but a marked increase among the colored. The death rate among the latter last year was only 1.92 per cent. Table No. IV, showing the ages of those who were affected with scarlet fever, does not differ materially from that of other years, except that the deaths were not confined to those of early life, as two persons over the age of 12 died. These are the first at that age for over five years. This disease has continued its mild course, and to this is due in a great measure the large number of cases reported.

It is a very common occurrence to be told on visiting a case of this disease that there had been others in the neighborhood which had not been treated by physicians, but which were allowed to go about while scaling. Our informants invariably decline to give the names of the persons, which renders it impossible to enforce the law or secure disinfection of the premises. The need of medical supervision of the public schools has been forcibly indicated by the fact that in two of them we accidentally discovered children who were attending school, although in the stage of desquamation. The cases had never been called or considered scarlet fever, but the parents when questioned gave a good clinical history of the disease, and the fact that other children in the school were taken with it demonstrated its nature. After they had been isolated and the school disinfected no other cases occurred.

We have had again occasion to note an outbreak of this disease, due to milk infection. During the latter part of January, 1900, it was noticed that cases of scarlet fever were being reported with a considerable degree of frequency among the consumers of milk furnished from a certain dairy. The reports began to be sent in January 14 and continued until February 15, when 33 cases had been recorded in 29 different premises. The cases were reported as follows:

Cases.		Cases.	
January 14.....	1	January 30.....	3
January 19.....	1	January 31.....	2
January 20.....	1	February 1.....	1
January 23.....	1	February 2.....	1
January 24.....	2	February 5.....	1
January 25.....	4	February 6.....	1
January 26.....	2	February 12.....	1
January 28.....	2	February 13.....	1
January 29.....	7	February 15.....	1

At first little attention was paid to it, as this particular dairymen has a very large business, especially in the section of the city where the cases occurred, but when the reports began to be received at the rate of two and four daily, steps were taken to ascertain the origin of the infection and to remove the cause if possible. Frequent visits were made by both the medical sanitary inspector and his assistant to the dairy. The premises and employees were examined thoroughly, but no evidence of the disease was found upon them. It was learned that the milk furnished these families came for the most part from two shippers. The farms of these two men were inspected by Drs. Lynch and Turner, but nothing of a suspicious nature was found. It was also noted that two drivers were principally employed in delivering the milk to the infected houses, but nothing could be detected about

them or their families from which the cases could arise. Finally, February 9, the dairy was thoroughly cleaned and disinfected under the supervision of the assistant medical sanitary inspector and no more cases occurred after allowing for the period of incubation in the cases already infected. The last case was reported February 15.

Sometime after this it was learned that shortly before January 14, one of the employees had been under treatment for what was thought at first to be diphtheria, but a culture having been submitted showing the absence of the bacillus of that disease, he was allowed to go at large by the attending physician. It was discovered, however, that desquamation of the skin took place and had not entirely ceased when he sought and obtained employment at the dairy involved. It is more than probable that his case was one of scarlet fever and was the source from which the others came. The following correspondence in the case is submitted, the names of the persons being for obvious reasons omitted:

WASHINGTON, D. C., *February 7, 1900.*

DEAR SIR: I have the honor to report that since January 14, 1900, there have occurred among the consumers of milk from the dairy of Mr. ——— 28 cases of scarlet fever, in 26 families. The milk furnished was distributed among the following dairy farms: F., 1 family; W., 1 family; M., 9 families, and D., 13 families. The drivers whose routes were affected are: S., 1 case; W. and R., 4 cases; M., 10 cases; Sr., 7 cases; R., 2 cases, and H. and L., 1 case each.

The dairy farms of Messrs M. and D., from whom practically all the milk used by the infected families came, were inspected by Drs. Lynch and Turner and found to be in good condition, and no evidence of the disease among the help or their families. All the help at Mr. ———'s dairy were examined and no evidence of scarlet fever was found upon them.

In my opinion the cause of the spread of the infection is in the method of washing and filling the bottles at the dairy. In an apartment of about 18 by 12 feet, combining a boiler and engine room, washing and general utility room, the milk is handled. Each driver has his own bottles, for which he is responsible, and does not mix them with those of any other driver. On his return from his route he backs his wagon up to the door—which is being opened and shut constantly, allowing manure, etc., to blow into the milk, which is being bottled—brings his bottles in, and turns them over to the cleaners.

The cleaning is done by means of a revolving brush and hot water. After being brushed out and rinsed, they are put in a rack over a cesspool to drain. By the time they get there the driver is ready with his milk to fill them. Without washing his hands he takes each bottle by the neck, and holding it over the can, fills it with a ladle. Frequently too much is poured in, and the milk runs over his dirty hands and sides of bottle back into the can. It is probable that one or more of the bottles might have the contagion of scarlet fever on the outside, as I often find them in the sick room. When they are drained in the rack some of the infection is washed down to the bottom, and when other bottles are placed there some of the contagion probably adheres to them and is washed into the main supply when being filled.

Another source of danger is the brush for cleaning. The water in which the bottles are washed is only changed after the bottles of two or three drivers are washed. This brush and water is liable to become infected and contaminate the bottles. It seems impossible to ascertain just how the infection in the cases referred to occurred, but is probably due to one of these causes. I would respectfully recommend the following:

First. That Mr. ——— be required to have all the bottles now in use boiled for an hour, the racks washed with a solution of bichloride of mercury, 1 part to 1,000, and the brush cleaned with a 1 per cent solution of formaldehyde.

Second. That a separate room be provided for filling the bottles, and the cans be not opened at all in the general room. The bottles in filling should be set on the floor or in a tray, so that the overflow milk may not run back into the can.

Third. That the water used for washing the bottles be changed frequently and the brush be cleaned each day with a 1 per cent solution of formaldehyde.

Very respectfully,

JOHN E. WALSH, M. D.,  
*Medical Sanitary Inspector.*

DR. WILLIAM C. WOODWARD,  
*Health Officer.*

WASHINGTON, D. C., February 9, 1900.

DEAR SIR: In accordance with your instructions, I made an inspection of Mr. ———'s dairy and found that certain improvements were necessary in his method of handling the milk and utensils.

By his present method the temperature of the water used in washing and rinsing the bottles is not high enough to destroy any disease germs which might be present, as boiling water is not used in either case. Wooden trays are also used for draining the bottles, which are, in my opinion, bound sooner or later to become contaminated and so become a source of possible infection. There should be some method of scalding these trays if they are to be used for this purpose. As to the handling of the milk, the chief objection lies in the hand filling of bottles, although this objection applies equally to all dairies where this method is in use. From my own observations, and the experience of others, I am of the opinion that this method is one of the most insanitary that could be adopted, and therefore one of the most likely to propagate and disseminate disease germs.

In other respects the dairy appears to be in fairly good sanitary condition, although the location of the stable is somewhat objectionable.

I can not concur with Dr. Walsh in the use of chemicals for disinfecting the trays and brushes, but believe instead that they should be subjected to boiling water.

Very respectfully,

J. D. HIRD,

*Inspector of Dairies and Dairy Products.*

W. C. WOODWARD, M. D.,  
*Health Officer.*

In connection with this milk infection the only suggestion I beg to make is that, if possible, one of the regulations regarding dairies be that no person suffering from or affected with any contagious disease, as tuberculosis, syphilis, gonorrhea, measles, whooping cough, etc., be employed about or allowed to have anything whatever to do with the handling of milk.

During October last the wards for minor contagious diseases at Providence and Garfield hospitals were opened for the reception of patients, and since that time have accommodated 70 cases of scarlet fever, 69 cases of diphtheria, 50 cases of measles, and 1 case of erysipelas, distributed as follows: Providence Hospital, 52 cases of scarlet fever, 3 of diphtheria, and 18 of measles. Garfield Hospital, 18 cases of scarlet fever, 66 cases of diphtheria, 32 cases of measles, and 1 of erysipelas.

At first both scarlet fever and diphtheria cases were sent to each hospital, but soon it was found that it would be better to separate them, sending scarlet fever to Providence and diphtheria to Garfield. In this way at each hospital was kept a ward ready for any other minor disease that might occur. Previous to the opening of these isolating wards, from the 1st of July, Providence Hospital accommodated in its old contagious wards 25 cases of diphtheria and 2 of scarlet fever.

It is rather interesting to note the comparatively small number of the very poor people who were affected with scarlet fever and diphtheria, as indicated by the number of such cases treated by the physicians to the poor. During the year they reported only 24 cases of scarlet fever and 70 of diphtheria.

At the plant there have been disinfected the following articles:

Mattresses .....	1,605	Blankets .....	695
Feather beds .....	267	Comforts .....	142
Bolsters .....	501	Cushions .....	82
Pillows .....	2,717	Portieres .....	14
Carpets .....	274	Couches .....	9
Matting .....	127	Books .....	30
Rugs .....	545		
Quilts .....	784		
		Total .....	7,785



The use of steam in the disinfecting chamber has been partially abandoned and the sterilization of the goods done also with formaldehyde. The chamber has been fitted with a Kinyoun-Francis formaldehyde regenerator for this purpose. A solution of formaldehyde and calcium chloride is used for fumigating and its fumes and odor neutralized by ammonia. This does the work very satisfactorily and we now have no complaints of spoiled goods.

So far as it was possible under the limited appropriation for the establishment of a disinfecting service, premises have been disinfected by this department using formaldehyde and the bichloride-of-mercury solution. Where it was not possible for our disinfector to do the work the amount of formaldehyde necessary was left with a responsible and intelligent person with instructions how to use it by the sheet method, as described in the report of 1898-99.

Although the method of trusting to the public to do their own disinfecting under instructions from this office is far from being an ideal one, it is gratifying to note that in no house has there been a recurrence of the disease which could be traced to faulty disinfection.

After a period of immunity for nearly five months, our city was again visited by smallpox, and, except for slight intermissions, it has continued up to this time. The first cases came to the knowledge of the health department October 25, 1899, in the persons of two young white men who roomed together in the northwest section of the city. The symptoms first appeared in one case on the 18th and in the other on the 21st of October. At that time, so far as this office was aware, there were no cases of the disease in the District of Columbia. These young men came from different sections of the country some time before, so that it is improbable that they brought the disease with them and both contracted it about the same time. About ten days previous to the appearance of the first symptoms of the disease they were together at a celebration in Alexandria, Va. It is very probable that they received their infection in that city, as it is the only time they were together in a crowded place during the period of incubation preceding the onset of the disease. Visitors from all parts of Virginia were present at the celebration, and, as we had reason later on to know, there were many cases in the southern part of the State, some known, but more unknown. Of course these cases were removed to the hospital as soon as possible after discovery, and the house was thoroughly disinfected and kept in quarantine for a period of sixteen days.

On November 7 two more cases developed—one in the person of an intimate friend and frequent visitor of the first two, and the other a lady, also living in the northwestern part of the city. It is not positively known where she contracted the disease, but inasmuch as her husband kept a second-hand furniture store it is possible it may have been brought to her in some old article of furniture.

On November 9 another roommate of the young men developed the disease while being confined to the "camp." None of these cases had ever been successfully vaccinated until after exposure. On November 29 and 30 and December 5 and 8 other cases developed, three in the northwest and one in the southwest, but no connection between these cases and those mentioned above could be definitely ascertained.

On the morning of December 21 one of the female inmates of a quarantined house escaped while in the papular stage of the disease and tried to find her way to the hospital. Why she did not notify the

watchman on duty as to her condition and be removed in the ambulance is not known, unless it was due to delirium. She told so many different stories of the manner of her escape that it is probable that she was in such a condition. Being unable to find the hospital, she was taken up by a policeman and this department notified. An inspection confirmed the nature of the disease and she was removed to the hospital. A third case developed in the same house a day later.

On January 12 a white man, proprietor of a grocery store, having noticed a peculiar eruption about his body, sent for the inspector, who confirmed his fears that it was a case of variola, and he was removed to the hospital. The origin of this case is somewhat in doubt, but it is stated by the woman who escaped that she stopped in his store on her way to find the hospital. It is possible it might have been contracted from her.

The next case that came to the knowledge of the health office was on January 18. This patient, a young white woman, received her infection either in Buffalo or while en route to and from that city, as the period of incubation in the case was too short for it to have been contracted here. Another case, whose source of infection could not be traced, was that of a colored child, aged 7 years, living on Twentieth street NW. This was reported January 27.

Two days later one of the crew of an oyster boat lying at the Eleventh street wharf was sent to a hospital suffering from what was thought to be measles. On his arrival at the hospital, and before being admitted, the nature of the disease was discovered and he was immediately removed to the smallpox hospital. The Marine Hospital Service took charge of the vessel and disinfected it. This patient probably received his infection down the river.

No more cases were reported until March 27, when a case was brought up from New Orleans in a car with some race horses. This man was sick when he left New Orleans, and on arriving at Bennings was taken to a house beyond the race track, near the subdivision called Kenilworth. A chance remark by one of the other occupants to the effect that this man had been an inmate of an infected house came to the ears of a police officer and he notified the health department. It was found to be a well-marked case and was immediately removed to the hospital. All those persons who were on the car and whose names could be ascertained were apprehended, to the number of 23, and taken to the "detention camp." There one other case developed among them.

On April 2 two other cases were brought up to the city on a vessel, having contracted the disease at or near Nomin Ferry, Va. Three days later a case was reported in the northwest section of the city, in the person of a white man. He could give no history of exposure, but probably contracted it while engaged in his business of soliciting for one of the industrial insurance companies. His duties took him into all sorts of places in the southwestern and northwestern parts of the city. We now know that there were one or more undiscovered cases of the disease in the southwest section of the city at that time. Another inmate of this house, engaged in the same line of business, was taken with the disease some days later.

About May 10 a letter was received from the health officer of Charles County, Md., stating that a man and child had come into their county from a certain house in the southwest section of this city, and that a case was now at that number. An investigation was made and a child

about 3 years old found, showing unmistakable signs of having had the disease. She had been suffering with it for over a month. It is probable some of the other cases which occurred in that section of the city were contracted from this or from the same source, wherever that was. It was not discovered.

On May 17 a case was discovered in a court in the southwest which was probably brought from Nomini Ferry, Va., by a man who afterwards developed the disease at the "camp."

On June 5 an Indian and a colored man were found to be suffering with the disease at a boarding house. This infection came probably from the Indian Territory, as there had been several persons at the house affected with a similar eruption, bringing it with them from home. This was called "Cuban itch" until seen by the smallpox inspector, who pronounced it smallpox.

A particularly malignant type of the disease made its appearance in the southeastern part of the city about the latter part of April. The source of these cases has never been discovered. The first person taken with it was a young white man employed in the navy-yard. It was at first thought to be measles, but soon its true nature was discovered and the patient removed to the hospital, where he died of hemorrhages in a few days. Shortly after, his sister was taken while in the prodromal stage to the "camp" and later to the hospital, where she died. In the meantime an older sister was taken with it, and she also succumbed.

After an interval of a few days a brother, who did not live with the others, but who had been exposed to the first case, was taken to the "camp" as a suspect and later to the hospital, where he died in a few days. These four cases were all of the same hemorrhagic type, the patients, except the first, dying within a few days of the onset of the disease. These were the only deaths occurring during the outbreak. On June 11 several cases were discovered in an alley in the southeastern part of the city, three or four of them having had the disease for from one to four weeks, and in the meantime were walking about the streets, attending excursions, picnics, etc., and one of them went over to Baltimore, where the nature of his disease was discovered. These cases were traced to others in the southwest, which were discovered on June 22, when five well-developed cases were found, one of them having about recovered.

On the same day another batch of cases was discovered on K street NW. A member of this family had the disease and was suffering with it at the time they moved from the southwest, about four weeks before.

It is rather remarkable, considering the obscurity of the origin of the many groups of cases, that we did not have a larger number. The failure in many instances to find the source is due, partly, to ignorance on their part, but more, in my opinion, to the mendacity of the class of persons among whom most of it occurred. The following is an illustration of the manner in which they will prevaricate: It came to the knowledge of the department that there was a suspect case in the southwest. On going to the house the inspector was told that the whole family was comprised in those then present in the room, and that the husband was away and had not been home for weeks. One of the children present was recovering from the disease and another was in the first stages. The woman stated positively that there were no other members of her family, but a woman

and child occupied a rear room. While conversing with the latter woman the inspector, happening to look down the yard, saw a hand projecting under the gate of a shed, trying to pull a large stone against it, giving the appearance of having been put there from the outside. He called for the person to come out, when a boy appeared, his face covered with pustules. A search of the house and outbuildings was then made and two other children found, both in the pustular stage of the eruption.

Before the inspector left a girl about 18 years old came in, who had had the disease about four weeks before and had never been discovered. That night, after the inmates had been removed to the hospital or the "camp," the husband, who was said to be out of the city, came home, and finding the placard on the house gave himself up. He had been at the house every night after his daily labor. The cases in the southeastern part of the city came from the 18-year-old girl referred to.

This is a fair sample of what the inspectors have to contend with.

During the year altogether there were 70 cases reported, with 4 deaths, a mortality of 5.7 per cent. Of the cases, 15 were white (11 male and 4 female), 54 colored (34 male and 20 female), and 1 Indian male.

The cases occurred in 27 different premises, 3 vessels, and 1 railroad car.

There were exposed to the disease in the infected premises 264 persons, who were quarantined at the house or removed to the "camp."

All of the inmates of 14 houses and a portion of those of 8 others went to the "camp." 198 persons in all. Of these, 21 developed the disease within the period of incubation, from one to fifteen days after admission.

Every person who was exposed to the disease, no matter how remotely, was vaccinated. There were 324 vaccinations, most of them successful. It is impossible to estimate the value of the quarantine station or "detention camp," as it is commonly called. Aside from the money saved—in most cases \$12 a day alone for watchmen—it has very materially aided in suppressing the outbreak by localizing the foci of infection. Twenty-one of the 70 cases reported developed in the "camp." The premises were disinfected by means of bichloride of mercury and formaldehyde, after the removal to the steam disinfecting plant of articles not easily sterilized by them.

The cases reported occurred in the different parts of the city as follows:

	Cases.
Northwestern section, 12 premises.....	24
Northeastern section, 1 premises.....	2
Southwestern section, 9 premises.....	24
Southeastern section, 5 premises.....	14
River, 3 vessels.....	4
Railroad train, 1 car.....	2
Total.....	70

Respectfully,

JOHN E. WALSH, M. D.,  
*Medical Sanitary Inspector and Bacteriologist.*  
 Dr. WM. C. WOODWARD,  
*Health Officer.*

TABLE I.—Number of cases and deaths from diphtheria during the fiscal year 1899-1900.

Month.	Cases.					Deaths.					Per cent of deaths to cases.
	White.		Colored.		Total.	White.		Colored.		Total.	
	Male.	Fe- male.	Male.	Fe- male.		Male.	Fe- male.	Male.	Fe- male.		
1899.											
July.....	11	10	3	4	31	2	3	3	1	9	29.0
August.....	45	41	19	20	125	5	4	4	2	15	12.0
September.....	55	43	18	23	139	12	6	3	7	28	20.1
October.....	50	52	15	7	124	10	9	6	2	27	21.7
November.....	67	68	10	14	159	13	10	2	5	30	18.8
December.....	41	52	7	8	108	8	13	0	1	22	20.3
1900.											
January.....	46	52	2	12	112	2	6	2	3	13	11.6
February.....	36	39	6	11	92	3	4	1	4	12	13.0
March.....	30	28	6	3	67	6	4	2	1	13	19.4
April.....	28	32	4	3	67	4	4	1	0	9	13.4
May.....	21	22	3	6	52	9	2	0	1	12	23.1
June.....	9	17	4	3	33	3	2	2	0	7	21.2
Total.....	442	456	97	114	1,109	77	67	26	27	197	17.76

TABLE II.—Showing ages of cases and deaths from diphtheria reported during the fiscal year 1899-1900.

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year.....	14	4	28.6	11	4	36.4	3	0	.....
From 1 to 3 years.....	105	35	33.3	85	22	25.9	20	12	60.0
From 3 to 6 years.....	334	74	22.2	270	56	20.7	64	18	28.1
From 6 to 12 years.....	419	63	15.0	348	47	13.6	71	16	22.5
From 12 to 18 years.....	115	13	11.3	92	9	9.8	23	5	21.7
From 18 to 25 years.....	65	5	7.7	43	3	6.9	22	2	9.1
From 25 to 50 years.....	52	2	3.9	43	2	4.6	9	0	.....
Over 50 years.....	5	1	20.0	4	0	.....	1	1	100.0
Total.....	1,109	197	17.76	896	143	15.9	213	54	25.3

TABLE III.—Number of cases and deaths from scarlatina during the fiscal year 1899-1900.

Months.	Cases.					Deaths.					Per cent of deaths to cases.
	White.		Colored.		Total.	White.		Colored.		Total.	
	Male.	Fe-male.	Male.	Fe-male.		Male.	Fe-male.	Male.	Fe-male.		
1899.											
July.....	12	17	.....	4	33	2	.....	.....	.....	2	6.4
August.....	17	14	3	3	37	1	.....	.....	.....	1	2.7
September.....	12	33	2	2	47	.....	2	1	.....	3	6.1
October.....	47	41	4	3	95	2	.....	.....	.....	2	2.1
November.....	30	35	1	5	71	.....	1	2	.....	3	4.2
December.....	50	58	1	.....	109	.....	1	.....	1	2	1.8
1900.											
January.....	57	86	4	3	150	.....	1	.....	.....	1	.7
February.....	21	42	3	1	67	2	.....	.....	.....	2	2.9
March.....	37	38	.....	.....	75	1	.....	.....	.....	1	1.3
April.....	29	30	.....	2	61	.....	.....	.....	.....	.....	.....
May.....	36	31	4	3	74	1	.....	1	.....	2	2.7
June.....	26	37	2	7	72	3	1	.....	.....	4	5.5
Total.....	374	462	24	33	893	12	6	4	1	23	2.57

TABLE IV.—*Showing the ages of cases and deaths from scarlatina reported during the fiscal year 1899-1900.*

Age.	Total cases.	Total deaths.	General mortality.	White.			Colored.		
				Cases.	Deaths.	Per cent of mortality.	Cases.	Deaths.	Per cent of mortality.
Under 1 year .....	5	.....	.....	5	.....	.....	.....	.....	.....
From 1 to 3 years.....	67	5	7.5	58	4	6.9	9	1	1.1
From 3 to 6 years.....	245	10	4.1	223	9	4.0	22	1	4.5
From 6 to 12 years.....	377	6	1.6	362	5	1.4	15	1	6.6
From 12 to 18 years.....	113	1	1.9	108	.....	.....	5	1	20.0
From 18 to 25 years.....	49	1	2.0	45	.....	.....	4	1	25.0
From 25 to 50 years.....	37	.....	.....	35	.....	.....	2	.....	.....
Total .....	893	23	2.57	836	18	2.15	57	5	8.8

## APPENDIX B.

### REPORT OF THE CHEMIST.

DEAR SIR: I have the honor to submit the following report relative to the work performed in the chemical laboratory for the fiscal year ending June 30, 1900:

During the year 787 analyses were made, as follows:

Water .....	255	Drugs .....	10
Milk .....	413	Spirits of nitrous ether.....	4
Cream .....	39	Tincture of opium .....	4
For the police department.....	9	Formaldehyde .....	4
Medicines.....	4	Butter.....	17
Seidlitz powders.....	11	Cider.....	4
Citrate of magnesia .....	5	Miscellaneous .....	8

In addition to the above analyses, 8 schoolhouses were examined as to their ventilation.

*Water.*—Of the 255 samples of water examined 53 were submitted from private wells, 126 from public wells, 39 from wells and springs pertaining to dairy farms, and the remaining 37 from the Potomac River.

As a result of these analyses 11 of the public wells were condemned, while 10 were reported as suspicious. Of the waters from the private wells examined 21 were condemned, 2 reported as suspicious, and 4 recommended to be cleaned, while from the dairy farms 19 were condemned, 1 reported as suspicious, and 3 recommended to be cleaned. Three samples of water from the public schools were also examined, with the result that 1 was condemned, 1 reported as suspicious, and 1 recommended to be cleaned.

From this it will be seen that practically 9 per cent of the waters from the public wells were condemned, 40 per cent of the waters from private wells, and 50 per cent of those examined from dairy farms. This is equivalent to 20 per cent condemned of the total number examined.

There is probably no more important work that could be undertaken than a systematic examination of the waters from the dairy farms, as the above result would indicate. The fact that one-half of the waters examined from this source were condemned as unfit for use is in itself a sufficient argument to show the necessity for carrying out a much more extended course of investigation in this line than we have heretofore attempted.

*Milk.*—Of the samples of milk examined, 296 were collected about the city, 68 from the Baltimore and Potomac station, 1 from the Washington and Alexandria station, while the remaining 48 samples were submitted by private parties.

Very few cases of willful adulteration have been detected during the year, and consequently but few prosecutions for the sale of adulterated milk were instituted. There were, however, five instances in which

formic aldehyde was found in the milk, two instances in which skimmed milk was sold for whole milk, and one instance in which water had been added to the milk. Prosecutions were instituted in these cases, with the result that fines were imposed or collateral forfeited in each instance.

There were also several instances in which the milk fell slightly below the legal requirements, but as there were no indications that the milk had been tampered with it was not deemed advisable to institute prosecutions in those cases.

In this connection it might be well to state that this condition of the milk is sometimes unintentionally brought about at the dairy farm by filling one can with the foremilk and another can with the strippings of those cows from whom the foremilk has been obtained, together with, perhaps, the whole milk of other cows. It may thus happen that one can is filled with only the foremilk, in consequence of which it is liable to fall below the legal requirements in respect to the fat contained therein, while the other can is, for the reason above set forth, liable to exceed the legal requirements.

This is, however, of comparatively rare occurrence, the greater portion of the milk received at the depots ranging from 10 to 30 per cent above the requirements, there probably being not more than one can in a hundred that fails to reach the standard. With this exception it may be stated as a fact that the adulteration of milk, such as exists, is carried on after the same reaches the city.

To thoroughly meet this question, therefore, and provide against such adulteration it is essential that the inspection of milk should be continuous throughout the year.

It should also be remembered that the majority of the samples collected are secured between the hours of 9 a. m., and 4 p. m., and that consequently we meet with only the better quality of milk. This is so for two reasons: First, because the milk delivered between the above-mentioned hours has been, for the most part, received by the dairymen from the producers that day, and consequently the same has not been in the possession of the dairymen over night. The cream has not, therefore, had the same opportunity to rise, and in consequence there has not been the temptation to remove the same as might arise in the case where the milk had been quietly in their possession over night.

Secondly, owing to the knowledge on the part of the dairymen that their milk is more liable to be inspected during the above-mentioned hours than at any other time, it is more to their interest to put out good milk at such times than it would be at a time when the inspection of their milk is hardly probable. It is absolutely essential, therefore, in order to properly guard this important article of food, that samples should be collected at any and all hours that the milk is offered for sale, and that as much or even more attention should be devoted to the early morning delivery as is given to that placed on the market during the office hours of the department.

It is also equally as essential that additional help be given this department whose time shall be limited only by the number of hours of labor performed, and not by any fixed period.

Again, it should be remembered that our milk supply is derived principally from two sources—that which is delivered at the stations by trains from the adjacent States of Maryland and Virginia and that



which is delivered directly by wagon transportation. It is this latter class which is the one most difficult to reach, and the one also which furnishes us with practically one-third of our milk supply. It is important that we should be able to inspect this supply as frequently and as readily as the other. Such, however, is not the case at present, for under the present arrangement there is a certain portion of the milk inspected over and over again, namely, that which comes by trains from the adjacent States of Maryland and Virginia, while the other portion, which arrives by wagon transportation, or which is delivered directly by wagons from farms in the District to the consumer, is scarcely ever inspected. We have, as a matter of fact, little or no information as to the character of this portion of our milk supply.

The reasons are as above intimated, namely, that the greater portion of this supply is delivered early in the morning before office hours, and from the further fact of the difficulty experienced in locating at any particular time this class of dairymen.

It seems to me that the only practical manner in which this portion of our milk supply can be reached is to require these dairymen to deliver their milk at some central station each morning for inspection. Of course it might be necessary to have more than one such station for the accommodation of the dairymen, but the benefit derived by the people of the District from such a requirement would more than repay the little expense attached thereto. The very fact that the dairymen were obliged to submit their milk for inspection would be sufficient in itself to maintain a pure supply whether the milk was examined every day or not.

With this requirement complied with, and with such additional help given us as would enable us to carry out this system of inspection, I have no doubt but that adulterated milk would become a scarce article in the District of Columbia.

In addition to the above requirements, however, it is also necessary that the present law governing the sale of milk should be amended in several particulars.

As I have, however, on former occasions pointed out these deficiencies and made suggestions whereby the same might, in my opinion, be remedied, and as you are as familiar with the necessities of the case as I am myself, it would seem to be unnecessary at this time to devote much attention to this part of the subject. I would, however, emphasize the necessity for a regulation governing the temperature at which milk shall be kept, stored, and sold; also the necessity of a penalty for filling bottles on the streets, as well as an increase in the minimum penalty for the first offense to not less than \$25. I would also recommend that the present law be so amended as to include grocery stores and dairy lunch rooms within its provisions, and that the authority of the Commissioners of the District to make and enforce regulations in this respect be extended so as to include the manner in which milk shall be kept, stored, and sold.

*Seidlitz powders.*—As was stated in the summary, eleven samples of seidlitz powders were examined during the year, ten of which were procured from certain druggists in the city. Upon examination of these powders it was found that the majority of them varied greatly from the standard as laid down in the United States Pharmacopœia, the error ranging as high as 80 per cent.

Prosecutions were instituted in six instances, and the cases came on

to trial accordingly. As a number of prosecutions for the sale of alleged Hoffmann's Anodyne were instituted at the same time, all these cases came up together for trial.

In the first case tried the defendant was charged with selling seidlitz powders differing in strength from that laid down in the United States Pharmacopœia. For the defense it was urged that seidlitz powders were of a changeable nature; that they were greatly affected by the condition of the atmosphere, and would consequently increase or decrease in weight, according to the quantity of moisture in the atmosphere. On this evidence the case was given to the jury and verdict found for the defendant.

This case was followed by one for the sale of alleged Hoffmann's Anodyne, in which it was shown that the essential ingredient—etheral oil—was lacking.

The defense urged in this case was, first, that Hoffmann's Anodyne contained no ethereal oil, and that the purchaser had therefore obtained what he asked for. It was also maintained that there was a difference between Hoffmann's Anodyne and compound spirits of ether, the former containing no ethereal oil, while the latter did.

This was maintained, notwithstanding the fact that the Pharmacopœia recognizes them as one and the same article.

This point was finally overruled by the court compelling the defense to fall back upon their former plea of changeableness in the nature of the substance. In the instructions to the jury, this point being allowed by the court, a verdict was brought in for the defendant.

This case was followed by another one of the same nature, in which the same pleadings and instructions of the court were substituted as in the former case, the same verdict being also rendered by the jury.

Exceptions were, however, noted in this case on the instructions of the court for the purpose of taking an appeal to the higher court. The decision of this court, which was delivered by Justice Shepherd, was to the effect that the lower court had erred in its instructions to the jury, thus establishing the point maintained by the prosecution, that these compounds must conform to the standard as laid down in the United States Pharmacopœia, and the fact that they did not know that their goods had deteriorated was no excuse.

The examination made for the police department consisted of analyses of water, medicines, alcoholic beverages, and clothing for blood stains.

In one of these cases I was called upon to testify as to the percentage of alcohol in a sample of malt extract, for the purpose of showing that the same was an intoxicating beverage. The analysis showed this sample of malt extract to contain 4.19 per cent of alcohol by volume, and although I testified in addition that I did not regard extract of malt as a beverage, nevertheless the defendant was adjudged guilty of selling alcoholic beverages without a license, and penalty imposed accordingly.

This case was also on an appeal carried to the higher court, where the judgment of the lower court was reversed and the case remanded for a new trial.

In regard to the other substances analyzed, four of the samples of butter examined were found to be oleomargarine, and one sample of cream was found to contain boracic acid, but as none of these samples were collected by officers of this department, no prosecutions were instituted.

It will be seen in general that the analytical work of this department is very varied in its nature, which, owing to the limited facilities at our command, requires a great amount of additional labor in preparing for such work. Likewise as the variety of work increases so does the variety of chemical solutions which have to be maintained at a constant standard. This in itself requires a large amount of careful and patient work, which can not be estimated by the number of samples examined. In a chemical laboratory the plea that the solutions had deteriorated without the knowledge of the chemist would be regarded as ridiculous.

In addition to the analytical work of this department, there have been examined during the year 8 school buildings, chiefly in regard to their ventilation. One of these, the Eckington, was examined on complaint that it was impossible to properly heat the building, and that the children suffered greatly in consequence.

The result of my examination showed the complaint to have been well founded, as the two furnaces, by means of which the building is heated, seemed to be inadequate to maintain a uniform and proper degree of temperature.

This building is one of modern construction, being equipped with the Smead system of heating and ventilating, supplemented with a fan.

During this examination the fan became deranged, so that it became necessary to suspend its operation. A curious feature connected with this system was then noticed. The register in the northwest room on the first floor began immediately to act as a ventilator, with the result that the temperature began to fall correspondingly until it soon only registered 48° F., while the northwest room on the second floor showed a temperature of 60° F. The air was, of course, being drawn out of the room on the first floor by the furnace and discharged by it into the room above.

It was also noticed that the temperature in all the rooms on the first floor was gradually falling, while the air in the rooms on the second floor was rapidly becoming foul and stagnant.

Previous to the derangement of the fan the temperatures recorded were as follows:

	NW.	SW.	NE.	SE.
First floor:	°	°	°	°
9 a. m. ....	55	56	63	64
11 a. m. ....	57	60	62	70
Second floor:				
9 a. m. ....	54	D.	58	66
11 a. m. ....	D.	D.	68	62

D=dismissed.

At the time when the temperatures were first recorded, namely at 9 a. m., no air had been admitted through the fresh-air chambers, the same having simply been revolved back and forth from one room to another.

The examination of this building extended over a period of about a week, during all of which time the temperature in the rooms was neither uniform nor sufficient.

Owing to the derangement of the fan during this period of my investigation, I was unable to obtain a complete record of the capacity of the ventilators to remove the vitiated air.

The conclusions arrived at, however, were that in a building of this

construction, in order to secure proper ventilation, it is absolutely necessary that the fan should be operated continuously; and, secondly, that the entire system in this building was working at a disadvantage through the failure of the furnaces to sufficiently heat the entering air.

I am informed on good authority that since my examination of this building certain defects were found in the galvanized-iron ceiling, which permitted the warm air to escape.

While this may be true, and while the repair of these defects may improve the unfavorable conditions that formerly existed, still I am of the opinion that satisfactory conditions in this building will not exist until the heating arrangement has been supplemented by the addition of one or more furnaces. I base this conclusion upon the fact that at the time of my investigation, with the temperature of the outside air above the freezing point and with a bright sun and little or no air stirring, the furnaces were only able to heat 22 cubic feet of air per individual to a temperature of 80.6° F., whereas they should have been capable of heating 30 cubic feet per individual to a temperature of at least 90° F.

In addition to this school, I also examined five others, containing the Smead system of heating and ventilating, namely, the Johnson, Adams, Harrison, Phelps, and the Berret, and two others ventilated by the old system, namely, the Force and the Dennison. Of those buildings mentioned which are ventilated by means of the Smead system, the Berret differs in construction from the others by having three floors with three rooms only on each floor and by having three single fresh-air chambers; whereas the others have two floors with four rooms on each floor and two double fresh-air chambers.

The appended tables show the capacity of the ventilators to remove the vitiated air, also the amount of fresh air per individual entering the buildings by means of the fresh-air chambers, together with the temperature and moisture recorded in the various rooms.

At the Johnson school a determination was also made of the carbonic-acid gas in the various rooms, with the following results:

	NE.	SE.	NW.	SW.
First floor rooms, parts per 10,000 .....	21	21	18	17
Second floor rooms, parts per 10,000 .....	19	36	20	19

It will be seen that this is greatly in excess of the limit, which should not exceed seven or eight parts per 10,000.

Leaving out of consideration the southeast room on the second floor, which is so far above the average as to indicate an error in the manipulation of the apparatus, it will be observed that the amount of carbonic-acid gas in the various rooms is fairly constant, and that it is from two to three times as high as it should be.

Inasmuch as the amount of fresh air entering the building per minute is equivalent to 31 cubic feet per individual, this test, in my opinion, clearly demonstrates the fact that this system of ventilation is inadequate to accomplish the desired object, through failure of the entering fresh air to become thoroughly diffused.

Ventilation, as formerly considered, was a process whereby a given amount of fresh air is introduced and an equal quantity of foul air

expelled. This is, however, mere theory and is neither practical nor feasible.

Ventilation as understood to-day is merely a matter of dilution—that is, fresh air must be introduced in such quantity and in such a manner that it will be sufficient in volume and thorough enough in distribution to so dilute the vitiated air as to make and keep the air within the rooms, for all intents and purposes, equal in purity to the outside air.

While there are numerous opinions as to the quantity of air that should be so introduced, yet the better authorities agree that in school buildings this result can not be attained with less than 30 cubic feet of fresh air per individual per minute.

There is another important factor, however, connected with this subject of proper dilution that should not be overlooked, otherwise our system of ventilation by means of dilution becomes in fact nothing but theory and fails to produce the desired results.

I refer to the method of exhausting the vitiated air, for unless this is properly done diffusion will be imperfect and unsatisfactory and the general system of ventilation faulty. Almost any amount of air can be introduced into a room and exhausted in such a manner that no practical benefit will accrue to the dilution of the vitiated air nor to the improvement of the condition of the air within the room.

To obtain the desired results, therefore, there is one point that should not be lost sight of; that is, the question of velocity. It is a matter of vital importance that the flues for the introduction of the fresh air and for the removal of the vitiated air should be of such size and construction as to absolutely insure that the air introduced and exhausted be moved at a low velocity, otherwise diffusion does not properly take place, and drafts are occasioned, which cause more injury and annoyance than the breathing of impure air.

From my investigations I am of the opinion that herein lies the trouble with the system of ventilation in our public schools.

In the first place, the velocity of the entering air is too rapid, and in the second place, the construction of the exhaust ducts is neither uniform nor of sufficient capacity.

The result is that although the requisite amount of fresh air may enter the building, yet owing to the formation of currents of air diffusion fails to properly take place, and the air remains vitiated in consequence. This is shown clearly at the Johnson School, where, at the time of my investigation, as above stated, the amount of air entering the building was equivalent to 31 cubic feet of air per minute per individual, and yet the amount of carbon dioxide was greatly in excess of the limit.

As this subject has been considered in my previous reports on the ventilation of school buildings, it seems unnecessary to extend my observations further at this time, other than to state that the result of the investigation at the Johnson School in reference to the amount of carbonic-acid gas found in the rooms has opened up a field for investigation which it would seem advisable to continue at some future time.

In general, it may be stated that the ventilation of the school buildings examined the past year is on a par with those previously examined.

Very respectfully submitted.

J. D. HIRD, *Chemist.*

Dr. WM. C. WOODWARD,  
*Health Officer.*

## REPORT OF THE HEALTH OFFICER.

*Number of cubic feet of air removed by ventilators per minute.*

[D. O.=Doors open; D. C. = Doors closed.]

Name of school.	First-floor rooms.								Second-floor rooms.							
	NE.		NW.		SE.		SW.		NE.		NW.		SE.		SW.	
	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.
Johnson.....	12.9	12	0.7	4.6	2.9	5.6	13.9	9.7	2.1	6.5	1.2	3.4	0	2.1	6.1	4.8
Adams.....	0	5.7	13.2	11.5	10.6	10.7	0	6.9	1.1	5	9.4	7.9	5	1.8	3	2.7
Harrison.....	13.4	13.1	6.7	9.1	0	13.3	9	9.2	9.3	8.6	9.1	8.1	8.8	9.7	12.7	16.6
Phelps.....	7.8	5.5	.3	6.5	0	2.1	9.5	10.9	6.1	5.7	9	3.7	.6	.3	5.8	5

Name of school.	First-floor rooms.						Second-floor rooms.						Third-floor rooms.					
	NE.		NW.		S.		NE.		NW.		S.		NE.		NW.		S.	
	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.	D. O.	D. C.
Berret.....	10.1	7.6	1.5	11.3	0	5.5	8.7	6	12.7	11	0	1.3	5.7	4.4	0	6.2	0	4.4

Name of school.	First-floor rooms.				Second-floor rooms.				Third-floor rooms.			
	NE.	NW.	SE.	SW.	NE.	NW.	SE.	SW.	NE.	NW.	SE.	SW.
Dennison .....	27.5	20.9	21.9	26.7	21.1	21.9	31	33.5	18.2	25.9	32.7	29.5
Force .....	22.7	12.1	25	13.7	13	10.9	12	2.3	17.9	0	9.2	16.5

Schools.	Temperature.		Relative humidity.		Average fresh air per pupil per minute.
	Maximum.	Minimum.	Maximum.	Minimum.	
Johnson .....	77	69	28	25	31
Adams .....	73	67	33.5	30	30.6
Harrison .....	77	67	31	29	18.5
Phelps .....	76	66	36	31	16
Berret .....	69	61.1	38	32	19
Dennison .....	75	68	38	29	13.6
Force.....	71	67	36	31	(b)

*a* Cooking school.*b* Direct and indirect steam heat.

## APPENDIX C.

### REPORT OF THE INSPECTOR OF LIVE STOCK AND DAIRY FARMS.

SIR: I respectfully submit the following report on the inspection of live stock and dairy farms for the fiscal year ending June 30, 1900.

The following table shows the amount of work performed during this period:

Number of dairy farms in District of Columbia.....	120
Number of inspections of farms in the District of Columbia during fiscal year.....	616
Number of cows on dairy farms in District of Columbia.....	1, 128
Number of cows condemned in District of Columbia.....	54
Causes for condemnation:	
Tuberculosis.....	24
Mammitis.....	22
Tuberculosis of udder.....	8
Number of licensed dairy farms in Virginia supplying milk to Washington.....	350
Number of Virginia farms inspected during fiscal year.....	84
Number of inspections made of Virginia farms.....	84
Number of cows on Virginia farms inspected.....	1, 202
Number of cows condemned.....	28
Causes for condemnation:	
Tuberculosis.....	16
Mammitis.....	9
Tuberculosis of udder.....	3
Number of licensed dairy farms in Maryland supplying milk to Washington.....	279
Number of Maryland farms inspected during fiscal year.....	63
Number of inspections made of Maryland farms.....	106
Number of cows on Maryland farms inspected.....	1, 178
Number of cows condemned.....	36
Causes for condemnation:	
Tuberculosis.....	25
Mammitis.....	10
Tuberculosis of udder.....	1
Total number of dairy farm inspections made during fiscal year.....	806
Total number of cows inspected.....	3, 508
Total number of cows condemned.....	118
Number of city dairies inspected.....	70
Number of inspections of abattoirs, stock yards, and slaughterhouses.....	110
Amount of meat condemned..... pounds..	2, 650

As will be seen by comparing this report with that of the previous year, the work of this department is rapidly increasing, and is far in excess of what can be properly attended to by one inspector.

With 267 dairy farms within driving distance of Washington, and from 15 to 20 slaughterhouses in operation most of the time, together with the demands made on my time by acting on both dairy and dairy farm applications, it is well-nigh impossible to give the regular inspection which is necessary to obtain healthy and clean milk from so many of our farms, where lack of inspection is sure to be followed by carelessness. A large percentage of our dairy farmers are careful as regards their barns and dairies, but it so frequently occurs that we find diseased cows on the very best farms, the presence of which were entirely unknown to the farmer, that regular inspection is necessary

and should be demanded by the public for their protection. This condition will be seen by noticing that 118 diseased cows were condemned as unfit for dairy purposes during the last year in the inspected area, which number is only two less than were condemned the previous year, showing that no matter how sanitary may be the barns and dairies, the regular inspection of cows by veterinary inspectors is necessary.

The condemnation of this number of cows during the fiscal year was made entirely upon physical examination, and the cows condemned were in very bad condition. During the previous year the condemned list (120) was largely augmented by the tuberculin testing of several herds, but this year this test has not been applied, as too many farmers are fearful of its results.

In our inspection we look particularly for tuberculosis, actinomycosis, and other such communicable diseases, besides milking each cow and thoroughly examining her udder and supra-mammary lymphatic glands. Where a cow is visibly diseased with tuberculosis or is milking pus from the udder, the condemnation is seldom objected to by the farmer. But where the disease is so deep seated as tuberculosis of the udder, or some other chronic disease of the udder, where the milk looks healthy but where the supra-mammary glands are enlarged and nodular, showing that disease is present, it often becomes a difficult task to get a proper condemnation, and some are apt to be secretive about the cow or barter with it. It is for this latter reason that I strongly urge again this year the branding of all condemned dairy cows, the general ear-marking of all inspected cows, and a fair reimbursement to the owners for condemned cows. The latter would enable the inspector to make a descriptive list of each herd, and upon visiting the same could readily ascertain an uninspected cow, and the numbers on the tags would enable us to keep some track of discarded or diseased cows. The branding of diseased cows would insure the greater number of them going to some abattoir, instead of being sold from one dairy farm to another by means of the dealers, as too frequently occurs. The payment of a fair sum for each cow condemned, followed by the immediate slaughter of the same, would be the most satisfactory and certain method of obtaining healthy milk.

As usual, the disease calling for the largest number of condemnations is tuberculosis. This disease is widespread in all dairy countries, and our section is not different from others. While many of our herds are probably free from this disease, never having been exposed to a tuberculous cow, yet this condition is unusual. If the farmer has had his herd tuberculin tested, killed the diseased cows, disinfected the premises, and bought none other than tested cows, his herd is probably free from tuberculosis. That the disease exists to a large extent in our dairy district is certain from the results of testing several herds in our which it existed in from 5 to 86 per cent of the entire herd, as shown by the tuberculin test and proven by killing the animals.

That but 65 tuberculous cows were condemned this year from 3,508 inspected, goes to show how very difficult it is to diagnose this disease unless marked physical symptoms are present, for it is a well-known and accepted fact that cows in apparently excellent health and fat condition are found upon slaughter to be so generally diseased as to be unfit for any purpose other than for fertilizer. During the past year I have seen cows killed at the local slaughterhouses which were in this



condition and had tuberculosis of the udder, but no symptoms were present during life.

It is on this account, and particularly when the disease is in the udder, that the milk of such cows is extremely dangerous for human consumption, as the tubercle bacilli are quite frequently found in such milk.

Feeding experiments upon guinea pigs with the milk of tuberculous cows are now being conducted on a gigantic scale, and the results will surely prove most convincing to those who are skeptical of the relation of bovine to human tuberculosis. I renew my recommendation of the tuberculin test as a means of diagnosing tuberculosis. I can confidently state that without its use we will never clear our herds of tuberculosis. While I do not recommend the compulsory testing of all herds supplying milk to Washington, believing that by voluntary testing the greater good will be accomplished, yet in those herds where we know the disease exists to a large extent, and are only able now and then to condemn a cow showing marked signs, I believe the test should be compulsory. Many owners are anxious and willing to eradicate this disease, but can not afford to do so and compete with their less thoughtful neighbor while the price of cows is so high and that of milk so low. If this office had at its disposal a sum of money and could reimburse farmers for cows condemned as tuberculous by the tuberculin test, having a maximum price for cows, and did it with the understanding that such cows were to be immediately destroyed, the premises disinfected and none other than tuberculin tested animals brought on his farm in the future, attaching a heavy penalty for violation of the latter provision, it would be successful to a great degree in stamping out this disease and providing healthy milk for our citizens.

Compulsory tuberculin testing has not proven successful in all places, but the system above suggested is now being used in Pennsylvania with very gratifying results and this disease is decreasing.

At times we inspect herds that we are quite positive are almost entirely tuberculous and are sure that the tuberculin test would sustain our opinion, yet the care given the cows is such as to keep them in very fair physical condition, though occasionally the acute symptoms manifest themselves and the cow emaciates and dies very rapidly. With the authority to apply this test upon such herds and the money to reimburse for losses, the question of doubt would be entirely removed and our line of action would be a prompt condemnation without any hesitancy whatever, whereas there is such a possibility of erring in a physical examination, owing to the difficulties attending the thorough physical examination of cows in the ordinary cow barn.

Owing to the great prevalence of consumption among human beings and the large annual death rate in this city from such disease, it seems as if it was imperative that we should begin to remove one of the undoubted sources of this disease, which is tuberculous milk. The attention of sanitarians of all civilized countries is centered on this problem and it is the consensus of opinion that the extermination of tuberculous cows is one of the practical aids in the suppression of human tuberculosis.

For this purpose it is earnestly recommended that an active attempt be made to get an appropriation from Congress during the coming session, together with the proper legislation for its expenditure. If the

voluntary testing of herds by tuberculin is limited to the District of Columbia, \$5,000 will be sufficient to rid the District of bovine tuberculosis, allowing a maximum sum of \$25 a head for each cow condemned.

It is believed that the extermination of tuberculosis is practical, especially in the District. Should the work be carried into the great milk-producing centers of Maryland and Virginia it is believed that an initial appropriation of \$10,000 would go far toward ridding most of the herds of this plague.

It is especially desired that such legislation should be enacted for the protection of District dairy farmers. If our local milk producers can show their customers that their herds are free of disease by a certificate from this office to that effect, it will cause them to prosper greatly, and will probably react to such an extent on importers as to cause the enactment of local laws in Maryland and Virginia toward the extermination of bovine tuberculosis, though it seems as if it was the duty of Congress to protect its home by the enactment of proper legislation. Attention is also called to the lack of any law by which the removal of old emaciated cows from dairy farms can be effected.

There are on many farms a large number of these old, emaciated cows which are in such a condition as not to produce proper and healthy milk. It is often difficult to prove any disease present, though many of them undoubtedly are more or less tuberculous and could be condemned legally if the tuberculin test could be applied. Our present milk law and the contemplated one do not speak of such cows, and it is recommended that a clause to such an effect be inserted in this act, as at present there is no legal method of getting rid of such cows, and moral suasion often fails.

#### BARNs.

The tendency throughout the inspected area is toward the improvement of cow barns, and under our inspection many old, dark, poorly ventilated and drained stables have become comfortable and fairly sanitary. A regular inspection of them is very necessary, as some dairy farmers do not take pride in keeping their barns and yards in good condition unless the inspector calls their attention to certain derelictions at periods.

The building of basement barns is being discouraged as much as possible, and many of the new barns are very well adapted for producing clean milk. During the last year two or three tours of inspection were made in the uninspected area, in which were found many poorly arranged and insanitary barns. The greatest errors seemed to be in depriving the cows of a sufficient amount of light and pure air, which can be usually remedied very easily by introducing glazed windows. In many of these stables the absence of drains and plank flooring was largely supplemented by the almost overgenerous use of straw bedding.

One of the most inhuman features of the dairy farms adjacent to Washington is the lack of proper bedding for cows, a large majority of farmers in the immediate neighborhood not using any straw litter whatever, causing the cows much discomfort and frequently bed sores during the winter months, when they are often confined in stanchions without any exercise whatever for weeks at a time. Neither the pres-

ent law nor the regulations allude in any manner to the use of bedding and the proper exercising of cows during the winter months when they are confined in stanchions, and it is earnestly recommended that this error be corrected in any future legislation.

On many farms there has been considerable difficulty in getting a proper dairy room constructed; a room where the milk can be separated and cooled, and where dairy appliances can be properly washed and stored. Where a spring house existed on the farm, it usually answered the purpose of cooling and storing the milk, and the cans and dairy appliances washed in the family kitchen, exposing them to any contagious disease which might exist in the family. These conditions still exist on many of the farms in Maryland and Virginia not as yet inspected, and in every trip to an uninspected area orders are served for the construction of dairies. I attach the utmost importance to the entire separation of milk and milking utensils from the dwelling house, owing to the ease with which milk carries and propagates disease germs, and to the fact that we frequently find persons on these farms suffering with diseases which are probably communicable through milk. During the fiscal year seven cases of consumption were found on dairy farms supplying milk to Washington, three of which proved fatal. Fortunately, most of these farms had been inspected last year and dairy rooms had been erected away from the house, but on one farm on my initial inspection there were three tuberculous persons in the dwelling house, in the kitchen of which the cans, bottles, etc., were washed daily and exposed to the dried expectoration of these consumptive patients. It need hardly be said that a dairy room was promptly erected on this farm, and orders issued that none but healthy members of the family go near or about it.

A large epidemic of scarlet fever last winter was directly traced to infected milk, and with the assistance of the milk law was checked immediately. During the year several trips were made through the dairy district of Maryland and the results of the want of inspection were noted. Old diseased cows had been kept on several farms for years. Cows were filthy, stables and yards were in like condition, and in one of these foul-smelling stables milk was being passed over a patent cooler, thus absorbing the odors and germ-laden dust of the stable.

These trips have convinced me that a proper inspection of the dairy districts supplying two-thirds of the milk coming into Washington can not be made from this city. To get an adequate inspection we must appoint local veterinary inspectors in Maryland and Virginia and give them a salary sufficient to make them independent of the practice now obtained from the farmers whose farms they will be required to inspect, as their private practice will suffer directly in proportion to the amount of just and conscientious inspection made in the interests of a healthy and clean milk supply. This inspection will require three additional inspectors, together with a largely increased contingent fund for traveling expenses. One of these inspectors should inspect along the line of the Metropolitan Branch of the Baltimore and Ohio Railroad, and could be stationed near Rockville, or between Rockville and Frederick. This inspector could readily inspect all of the 175 farms which supply one-third of the milk coming to Washington, and could drive to most of them if he lived near the places indicated. Two inspectors should be assigned to Virginia, one to inspect the ter-

ritory adjacent to the Washington and Danville Division, along which are 80 farms, most of them between Manassas and Brandy, Va. An inspector should also be stationed at Leesburg, Va., who could inspect the 120 farms adjacent to the Washington and Bluemont Division, Leesburg being a common center from which the inspector could readily drive to most of these farms.

With these three local inspectors and one more inspector for the District and surrounding sections, a very complete and regular inspection could be made, provided there was some supervisory inspection of this force. Congress has provided one additional inspector for the coming year, which it is hoped will materially aid in securing a more regular inspection; but if the regular inspection of city dairies is to be made a part of the regular work of the live-stock inspector, he will most certainly need another inspector, if these dairies and the stock yards and abattoirs are to be given any attention whatever.

During the fiscal year all applications for dairy permits have been inspected by me, together with any complaints regarding dairies. From the number of dairies in this city and the vile conditions found to have been existing in many of them for considerable time, it would seem very proper that a regular inspection be provided for them. In several instances permits have been refused for places which have previously been licensed, owing to the existing insanitary conditions.

During the past year 110 inspections of stock yards and abattoirs have been made, and considerable diseased meat condemned.

An inspector should be stationed at the Benning abattoir permanently, and such regulations made as to sanitation and hours of killing that some adequate inspection could be made of the large number of small slaughterhouses in which are killed most of the diseased animals, the slaughtering being done at irregular times and hours, frequently at night. The branding of all meat sold in the District, by either the Bureau of Animal Industry or the Health Department, would discontinue this traffic in sick hogs and old tuberculous cows most effectually.

These small slaughterhouses are, as a rule, nuisances and common centers for the spread of numerous contagious and parasitic diseases of animals, and should either be condemned or required to be put in sanitary condition.

In closing this report it is proper to call attention to a resolution passed by the United States Senate during the last session, inquiring into the milk supply of the District of Columbia. By your orders I made a report covering the conditions existing among the cows, barns, and dairies.

It is hoped that the bill to further regulate the sale of milk and cream in the District of Columbia, as prepared by you, will be urgently pushed during the coming session, inasmuch as it covers the weak points found in the inspection of dairy farms, with the exception that no provision is made for the seizure of diseased, impure, or unwholesome milk. It frequently occurs that a milker is so careless as to permit the milk to become permeated with filth, either from the cow or from his hands by the process known as "wet" milking. This milk is strained, sent to the city, and consumed, and we have no authority to stop it, even though we are present.

With the exception of a serious epidemic of rabies among dogs, the District has been singularly free from contagious diseases of animals during the fiscal year. We have not been called upon to inspect any

southern cattle or any glanders among horses. The latter disease is either decreasing to a marked extent or veterinarians do not report the cases to this office, though personal contact with many of the veterinary profession leads me to believe that cases of glanders are rare.

More or less hog cholera is always present, not on the farms but at the stock yards, owing to the continuous importation of western hogs from infected areas. "Pink-eye" (influenza of horses) was quite prevalent during the summer, but in a mild form, and fatalities were few.

#### RECOMMENDATIONS.

That the inspection force of this office be organized as follows: One chief inspector of live stock and dairy farms, two assistant inspectors of live stock and dairy farms for the District of Columbia, two assistant inspectors of live stock and dairy farms for Virginia, and one assistant inspector of live stock and dairy farms for Maryland. All of these inspectors shall be veterinary graduates. One "milk detective," for the purpose of gathering samples of milk, inspecting milk depots, and for general assistance in carrying out the provisions of the act to regulate the sale of milk in the District of Columbia.

That a public horse and wagon be furnished each inspector.

That the contingent fund be increased to provide railroad transportation and hire of teams for distant inspections.

That the sum of \$5,000 be appropriated for the extermination of tuberculosis among dairy cows by the process known as the tuberculin test—such test to be voluntary—and cows reacting to it to be killed and owners reimbursed to the amount of not over \$25 for each cow so destroyed, preference to be given to District farmers; such a sum of money to be expended on condition that when once a herd is tested and proven free from tuberculosis that none but tuberculin-tested cows be allowed to enter the herd.

That the milk law now before Congress provide for the condemnation of old, emaciated cows and the seizure of diseased or unwholesome milk, if such is being produced or offered for sale in the District of Columbia.

That a bill be presented to Congress requiring the licensing of all slaughterhouses, giving the Commissioners authority to make regulations under the same to secure proper drainage, lighting, floors, sanitation, and removal of refuse, and to regulate the hours of killing, and to brand all meat killed in or brought into the District of Columbia for the purpose of human consumption, except meat bearing the brand of the Bureau of Animal Industry.

That the passage of the bill to regulate the sale of milk and cream in the District of Columbia be insisted upon, but that the clause which would prevent the carrying of milk in bulk and in bottles be eliminated, as I feel sure it would be impracticable, and would cause unnecessary hardship and expense to many milk dealers.

Very respectfully,

JOHN P. TURNER, V. M. D.,  
*Inspector of Live Stock and Dairy Farms.*

WM. C. WOODWARD, M. D.,  
*Health Officer.*

# APPENDIX D.

## REPORT OF PHYSICIAN IN CHARGE OF SMALLPOX HOSPITAL.

SIR: I have the honor to report the following as the operations of the smallpox hospital during the fiscal year ending June 30, 1900:

There were admitted to the hospital 68 cases, which are tabulated as follows:

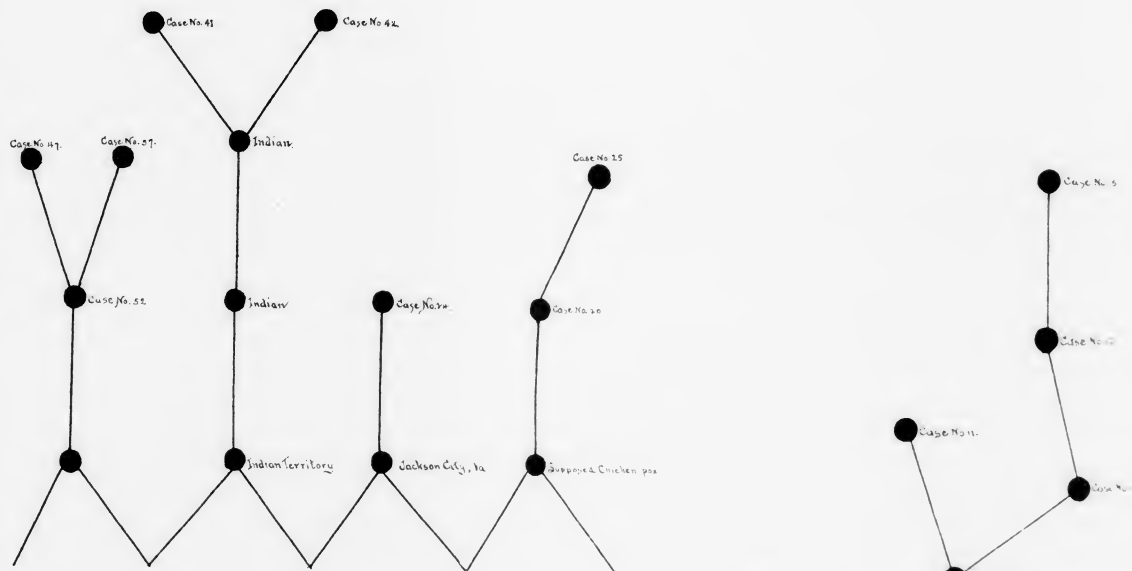
Classification of cases.	White.				Colored.				Total.
	Male.		Female.		Male.		Female.		
	Adults.	Children.	Adults.	Children.	Adults.	Children.	Adults.	Children.	
Confluent .....	12				6	1			9
Semiconfluent.....	12		1		4	2	2		11
Discreta .....	4	1			11	8	9	6	39
Maligna .....	2		1	1					4
Varioloid.....			1		2	1		1	5
Total .....	10	1	3	1	23	12	11	7	68
Remaining on hand July 1, 1899.....									3
Total to be accounted for .....									71
Discharged cured.....									49
Died .....									4
Remaining on hand June 30, 1900.....									18

*History of the outbreak.*—The first cases of the outbreak were reported to the health officer on October 25. By a singular coincidence, each of these patients had come from their homes to resume their studies, arriving within twenty-four hours of one another, the one from Coffeyville, Kans., the other from Tampa, Fla. They took rooms at the same boarding house. The origin of the disease was not known. While this is generally accepted as a fact, I have to state that during the last days of September I crossed a colored man at the corner of Ninth and M streets whose face was covered with an eruption. I followed him into Blagden's alley, where I expected to interview him, but lost track of him at one of the corners. The laundry of the young men was done in this alley, and at the house next the corner where the suspect disappeared. It is reasonable to believe, therefore, the man was an undiscovered case of smallpox, and became a source of infection through the returned washed clothing. Two other cases were infected from these two cases. The fourth case I have not been able to trace, but suppose it, with the ninth case, was due to indirect contact with the sixth case, which was discovered by an officer while making an arrest in Sheperd's alley, a continuation of Blagden's alley. The eighth case was a frequent visitor at this house, and experienced the initial



No. 2.

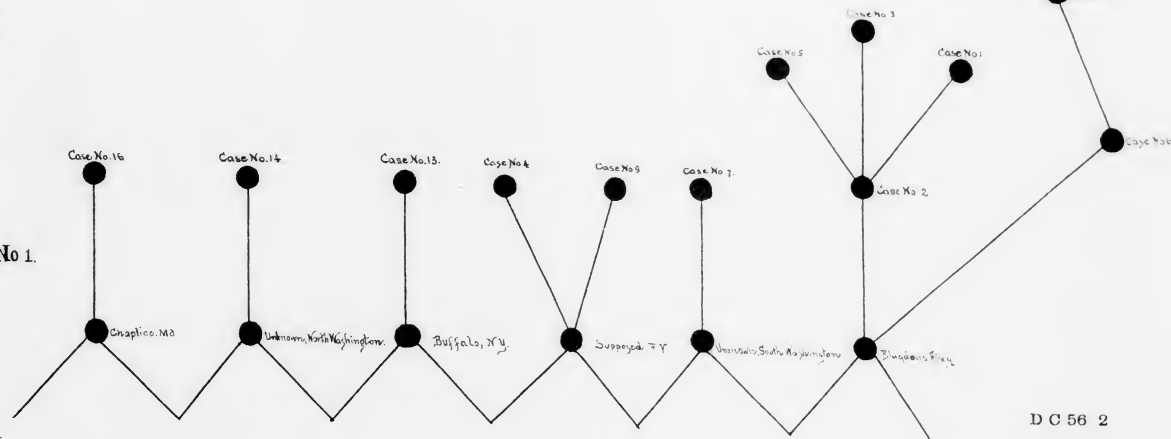
No. 2.—Scheme showing origin and course of Outbreak of Smallpox from April 5 to June 22, 1900.



No. 1.—Scheme showing origin and course of Outbreak of Smallpox from October 25, 1899, to January 29, 1900.

No. 1.

Proposed by  
Llewellyn Elliot, M. D.,  
In Charge of Smallpox Hospital.









chill while there. No. 5 is not traced. Cases 10 and 11 had rooms at the house of No. 8. No. 10 escaped from her home while in quarantine and wandered about the streets for nearly three hours, when she was corralled by an officer of No. 9 precinct. During her wanderings she stopped in the place of business of No. 12, who thereby contracted the disease and infected a member of his family. No. 13 contracted the disease in Buffalo, N. Y., or en route to this city, while No. 14 I have not satisfactorily traced. The next case reached Washington by boat from lower Maryland. With the discharge of this case, on February 19, the hospital was closed, but the inspection of suspects was continued.

On March 27 a case of smallpox was reported among the race men just arrived from New Orleans, La. Inspection confirmed the report, and the hospital was again opened.

On April 2 two cases were reported on a schooner making for Washington from Rappahannock River; they proved to be genuine cases, and were sent to the hospital. The history of one of these cases, and the wide swath of infection primarily due to him, is interesting to trace. It appears that this man was at one of the wharves on February 14, there he met and conversed with a river captain from Norfolk; this man was well broken out with smallpox, in its suppurative stage. Nothing was thought of the matter until the 28th of the month, just fourteen days after the time of the meeting, when he felt bad; had headache and chill on March 2, the eruption appeared on the face on March 5; sore throat and loss of appetite followed. On March 11 he felt better and walked to the Eighth street wharf, where his own boat was at anchor. This was on Sunday, and many people were about there waiting for friends. From there he went to the house of a relative on Six-and-a-half street, then to the Seventh street wharf. At this last place he saw several of his friends from Charles County, and although his face still had the eruption of smallpox, no one seemed to avoid him. He again went to the house on Six-and-a-half street to change his clothing, leaving some underwear for his sister to wash—this sister lived at the corner of Third and C streets SW. Returning to his boat he remained there until the time of sailing for Coan River. Among those he met and conversed with was a man by the name of Oscar Slye, and another by the name of Charlie Thomas. In the course of about two weeks, as far as I can ascertain, they were taken down with smallpox at their homes in Charles County, and communicated the disease to other members of their families, some of whom bear the marks of the disease. In addition to these, the physician who attended them fell ill; he in turn infected others, of whom one died. I am told an inefficient quarantine was established, and before the disease was checked other cases developed in the neighborhood. Coming back to Washington, we find the sister's child, its grandmother, friends of the mother, and the captain of his boat attacked with the disease; the sister's house becoming the point from which all infection came. The chart accompanying will show in a satisfactory manner the aftercourse of the outbreak.

A man suffering from smallpox was sent to my office by a physician on April 2, and from the history given it was due, in my opinion, to one or both of two cases, and I so reported at the time. Upon inspection they were returned as negative. This man infected a member of his household, each one having a well-marked attack of smallpox. A man arrived in Washington on April 16 from Nomini Ferry, Virginia,

by schooner. This man contracted the disease in Jackson City, Va., having come from Charlottesville. He worked on the Bennings road and then engaged as a hand on the schooner but one day before he was taken sick; went to the end of the trip, escaped from the boat, wandered about for three days, was captured by the sheriff, returned to the boat, and ordered to leave the anchorage. The result of concealing or not recognizing a case was admitted on April 27.

On June 5 two cases were discovered in a large boarding house, and the infection was traced directly to Indian Territory.

On June 22 a child was left on a doorstep in an alley, and although the parents were discovered and quarantined, it has been impossible to trace the source of infection; but as the mother was employed in an all-night house it is more than probable that she carried the infection in her clothing. Eleven other cases were found by accident, later in the same day, in three houses located in different parts of the city.

*Effect of vaccination on the disease.*—Of those vaccinated after admission to quarantine, eight developed smallpox while vaccination was taking, and were therefore transferred to hospital. The disease in these subjects was confluent in 1, semiconfluent in 4, malignant in 1, and varioloid in 1. The only case in which it had any modifying influence was the one of varioloid. In the confluent, as well as in the semiconfluent cases, the disease and the vaccination were separate and distinct processes, each passing through its various stages.

The following table will show the percentage of cases occurring in the never vaccinated and the never successfully vaccinated, with the character of the disease:

	Never vaccinated.	Never successfully vaccinated.
Variola confluent.....	77.77	22.22
Variola semiconfluent.....	54.54	27.27
Variola discreta.....	13.58	41.02
Variola maligna.....		100

This table shows 100 per cent of cases of confluent in those not protected by vaccination previous to the outbreak of the disease; 81.81 per cent of semiconfluent; 84.60 per cent of discreta; 100 per cent of malignant; and 82.35 of the whole number not protected.

*Relation of vaccination to the character of the disease.*

	Never.	Never successfully.	1 year ago.	2 years ago.	5 years ago.	6 years ago.	10 years ago.	15 years ago.	20 years ago.	As a child.	Several years.	Total.
Confluent.....	7	2										9
Semiconfluent.....	6	3										11
Discreta.....	17	16	1	1	1		1	1	1	1	1	39
Maligna.....		4	1	1	1							4
Varoloid.....		1	1	1		1		1				5
Total.....	30	26	2	1	1	1	1	2	1	2	1	68

*Inspections.*—A case of smallpox, or one suspected to be smallpox, is discovered and reported to the health officer. Immediately upon

the receipt of this report an inspector is dispatched to make an investigation. This inspector, when a case is reported by a physician, is sent from the hospital and passes judgment, whereas, if a report is made by one other than a physician, an inspector from the health office is sent out; should it, in the opinion of this inspector, prove a case for further examination, the hospital is notified and further examination is made, as well as final disposition of the case.

It is unfortunate that so many of the profession entertain the belief that criticism is indulged in where a mistaken diagnosis is made, and such ones held in ridicule. Nothing is farther from the fact; the inspector is called, practically, as an official consultant, to render such advice and assistance as may be necessary, either to confirm a suspicion or to point out the error. Only a few, a very few physicians, enjoy the privilege of seeing and treating a number of cases of small-pox; indeed, the greater majority pass through a long and active career in medicine without ever seeing a single case; how then is it possible or reasonable to criticise one for a lack of knowledge it has never been his fortune to be able to obtain? How many of us differ upon typhoid and remittent fevers; upon diphtheria and ulcerative tonsillitis; upon scarlet fever and a drug eruption? Did difference of opinion, based upon experience, never occur, of what benefit to the patient would be a consultation, and we seldom hear one ridiculed on account of an honest opinion in these cases? So there should be the same feeling of confidence, courtesy, and respect accorded the small-pox inspector. We have very little regard for those physicians who openly and loudly condemn an inspector without having seen the patient, either in the early stages of the disease or during the subsequent course.

There is a remedy for this; it is simple, and in times of smallpox outbreaks easily applied. The fault lies with the medical colleges, and therefore the remedy is in their hands. Every student in his fourth year should be compelled, in company with his professor of medicine, to visit, question, and thoroughly examine cases of smallpox when such cases are accessible. Only in this way can a correct idea of the disease be gained. Text-book articles are very satisfactory reading, but they leave a vast amount unsaid. Therefore, let us vaccinate, and, if necessary, vaccinate our college doctors and our students, and avoid in the future embarrassing experiences when in the presence of smallpox. I am not one of those who believes smallpox is a disease of the past, but I expect it to present itself quite often, for the reason that vaccination is not sufficiently practiced. Smallpox is spread by direct contact, infection, inoculation, by winds taking the dried scabs or the dust of dried scabs and depositing them on a favorable surface; this, however, is limited to short distances, and in a well-regulated hospital it never occurs; by letters, books, papers, articles of clothing, paper money. A patient is dangerous so long as any vestige of a scab remains upon the body.

*Disposition of cases.*—When a case of smallpox has been discovered, the questions at once arise: "What shall be done with it?" "Can the patient be properly isolated and cared for at home?" "Does not the welfare of the community demand the immediate removal to the hospital and the establishment of a rigid quarantine?" Sometimes these questions are to be decided immediately, and the best judgment of the health department must be exercised. Favoritism, social position,

official or political prominence, are never to be considered when the circumstances surrounding the disposition to disobey health regulations point to the possible spread of the infection. The law governing this is clear, but it does not go far enough.

The proper isolation of a patient at home, sick with smallpox, is very much more difficult than the proper and successful quarantine of an entire house after his removal, since the other inmates will be thrown into contact more or less intimately with the patient or his nurse and his medical attendant, whereas with a guard all unauthorized persons are forbidden egress and ingress. This contact has more than once been the source of other cases occurring in a quarantined house. Very few medical men would care to attend a case of smallpox at any time other than during a recognized well-spread epidemic of the disease, as loss of clientele would undoubtedly result did he properly attend such a case. This would debar a patient proper attendance and put trust in chance. We see from this line of reasoning that the proper disposition of smallpox patients is to place them in hospital, rigidly quarantine, then vaccinate the other inmates of the house and disinfect the premises. This means the enactment of a further law which will compel the transfer to the smallpox hospital, without any exception, of every case of smallpox, and I would strongly recommend such legislation. The transfer to hospital which this law would cause should not affect the position of physician and patient, for such patients who could afford to remain at home and employ nurses and pay their medical attendant would have the same rights accorded them at the hospital they would have at home, nor would the sum total of the sickness be in any way materially increased. Patients who desire the privilege of private rooms have that privilege accorded them now, on the condition of paying the hospital rates.

*Disposition of garbage and other material.*—Garbage, rubbish, cast-off bedding, carpets, and other material brought from infected premises, as well as that which accumulates about the hospital, has at times been a source of annoyance, since there has never been any provision for their proper disposal. The odor arising from garbage dumped on the river shore for the buzzards to take away is anything but pleasant in hot weather, and the smoke, as well as the odors which arise from burning, within the hospital inclosure, feathers, carpets, shuck mattresses, boots, and rubber goods, renders the open-air burning abominable. To remedy this, I would recommend the construction of two crematories, one for such things wherein could be placed all matters, both large and small, and the other for the bodies of those dead of smallpox and those of the pauper dead of scarlet fever and diphtheria.

A crematory such as would be required could be utilized for all matters brought from premises infected with any diseases—typhus fever, diphtheria, scarlet fever, varicella, erysipelas, smallpox, puerperal fever—and ordered destroyed. It could be built upon ground adjoining the hospital and operated at a small cost. The disposition of those dead from smallpox, in my opinion, resolves itself into one of public safety and the saving of valuable ground. For many years I have thought the only proper disposition of such bodies is cremation; this is the surest way to prevent the occurrence of cases from such bodies. Lime, mercuric chloride sheets, metallic caskets are all well enough in their way and application, but we must remember that the outbreak of smallpox which ravaged this city in 1871-73 arose from the disinterment of a body dead of smallpox. This is not fiction, but

the admitted cause of that outbreak; wherefore then should we permit an ever-menacing source of danger to lurk in our midst? Earth burials are but the exhibition of a sentiment of the surviving family and friends, while cremation is the accepted method, although not sufficiently practised by scientific men. The opportunity for the beginning of official cremation is in the destruction of the pauper element dead of infectious and contagious diseases.

The method of preparing for burial at the hospital has been to prepare the body by washing such parts as may be necessary, place a blanket in the coffin, spread open; the body is then wrapped in a sheet saturated with a very strong solution of mercuric chloride, placed in the coffin; in a short time the chloride of lime is freely thrown upon the body and in the coffin; the blanket is now drawn over the body and securely pinned, after which the top is nailed down and the whole is ready for transportation to the cemetery. In thus preparing the dead, Mr. Charles H. Pemberton has reached a stage of excellence which is hard to equal.

*Disinfection.*—The method of disinfection which is practiced here almost exclusively is by formaldehyde in the Kinyoun-Francis apparatus with the Sprague attachment. This was adopted in preference to heat, superheated steam, at 236, for the reason that there was little or no destruction of goods, whereas with heat the destruction at times appeared almost wanton.

What the accepted verdict of the profession, if there is one generally accepted, as to the power of formaldehyde for deep penetration—that is, mattress disinfection, I do not know, but I believe where formaldehyde is used in sufficient quantities in a vacuum for a given time the disinfection is complete for either surface or deep. Our experience at the hospital during the past outbreak of smallpox has proven to us that all active germs have been killed, in so far that never has a single case developed in a house to which bedding or other material so disinfected has been returned. This is the practical result of disinfection by formaldehyde, what the theoretical side is I can not discuss. Germs of diphtheria have been placed in a package of absorbent cotton, this package securely sealed and then placed in the formaldehyde apparatus, the gas afterwards neutralized with ammonia, and at the end of the test the bacilli was shown to be dead. While this method of disinfection is applicable to the testing of the power of formaldehyde in those diseases whose germ is known and recognized, it is impossible to isolate the bacillus, or whatever we may term it, of smallpox, since one such has never been satisfactorily determined, so such tests would hardly be attended by any results which would throw light on the matter. Therefore, in my opinion, for the present time at least, we should be satisfied with the practical results and allow time and further laboratory tests to in the future determine our course of action as regards disinfection.

For the disinfection of houses and halls the Lentz formaldehyde lamp, or the Kny-Scheerer generator, has been employed with satisfactory results.

*Location of the hospital.*—The smallpox hospital is located in that part of Reservation No. 13 which corresponds to the square bounded by Twenty-second, Twenty-third, C, and D streets southeast, on the Eastern Branch. It is reached by E street and a road through the grounds of the Washington Asylum, as well as by a wagon track entering the old hospital grounds from B street south. Upon the north is the old

smallpox hospital; on the west is the Washington Asylum and its hospital, the workhouse, and the jail; on the east is the Eastern Branch of the Potomac River; while on the south is the nursery of the District. In the winter months the outlook is drear and uninviting, while in the spring and summer months the fields are green, the trees are in leaf, and everything is harmonious. The river, following its serpentine course, is, at full tide, about 2 miles wide and presents a smooth, glassy, beautiful surface; while at ebb tide its marshy, muddy banks breed malarial miasm, which is wafted upon the winds to the adjacent portions of the city. Although immediately upon the spot, this miasm appears to me more powerful in its action 10 blocks away than at the hospital, and still more so at a distance of 15 blocks. It rises high above us. Patients seldom remain long enough here to become more than passively affected. For more than forty years the hospital has been located on some part of this reservation.

*The hospital.*—The hospital is a one-story brick building. It has a central part containing private rooms, bathrooms, and storerooms. From each corner, extending obliquely, is a large ward, thus allowing the proper apportionment of the sexes and colors. In the private rooms are windows facing the grounds and windows opening upon the corridors. Each of these windows is protected by a strong, light, wire grating; this is solely for the prevention of escape of delirious patients. These rooms are sufficiently large to accommodate three beds, if necessary; heated by steam, lighted by gas. In addition, there is a connection for the attachment of a gas radiator. There is also an open fireplace.

The wards are 14 feet high, sloping to a gable; two are 29 feet long and 20 feet wide, while the other two are 45 feet long and 20 feet wide. They are heated and lighted like the private rooms. Windows are plentiful, so that the sun will shine in each ward at some time of the day. These wards will accommodate 7 and 9 patients, respectively. The capacity of the hospital, without crowding, is 41; with crowding, about 70 cases could be handled; this number would necessitate the opening of many of the windows for ventilation as well as the ventilators in the ceiling.

A room at each end of the building is provided for the nurse in charge of that half. In this room is a small gas range for the use of the nurse and such others as may be allowed. This arrangement, however, does not afford any amount of privacy to the nurse, since one of the wards opens directly into it. Provision should be made for remedying this fault by building a small room above each, where a nurse could keep clothing and other articles, as well as be able to obtain quiet when not on duty.

The kitchen being located in the administration building makes it necessary for a nurse to be exposed to all kinds of weather while bringing meals, and the food becomes chilled in such transit. The erection of a covered trolley, with compartments, discharging in the food-distribution room at the hospital is very much needed, and should be provided without further delay.

*The administration building.*—The administration building is where the employees live. It is a two-story house, having a central hall, and contains 8 bedrooms, an office, a pharmacy, a dining room, a kitchen, a storeroom for the kitchen, 2 storerooms for the hospital goods, 3 bathrooms, a laundry, a drying room, a disinfection room, and a boiler room. The heating apparatus is located under the hospital, but



for fear the heating power would be insufficient this auxiliary apparatus was erected. There has, however, never been any occasion for its use; still, it was a wise precaution. The building is lighted by gas, and the water supply is abundant. Between this building and the hospital is a telephone service for local use only, while there is also a telephone for city calls. The arrangements for the comfort of both attendants and patients can not be surpassed. The dietary is of the most liberal kind, and the health authorities are ever ready and willing to render any service possible.

*The records of the hospital.*—The records of the hospital are not as full nor as complete as they should be, and with the wish to correct this I have formulated such blank forms as in my best judgment will be of service in this matter, and submit them for your consideration.

The admission record is homemade, incomplete, and fails to show the vaccination history of the patient. This is an important thing. I have therefore to suggest that the record of the future include this: Number of patient, date of admission, name, color, sex, age, nativity, address, vaccination history, good scars, poor scars, fair scars, diagnosis, date of discharge, date of death, remarks. This will give all the general information at a glance.

For recording the clinical history of patients I have to suggest the form of record which I have used in my private work for several years. It is adopted from the records of the dispensaries of this city. It shows from day to day such changes in the condition of a patient as one cares to record. There is but one entering of the name, the further history being recorded under the number of the admission. A form of permanent clinical histories would in this way be preserved.

The requisitions for supplies should be properly recorded and filed for future reference.

Blank receipts for goods ordered destroyed at the hospital should be here.

An inspection blank, to be filed at the health office at the close of a service, will in a great measure assist in the correct tabulation of the work of inspection.

I also append other forms for possible use, such as one showing the condition of patients; notification to the family of a proposed discharge; a form of certificate of recovery.

*Needs of the hospital.*—There should be a small formaldehyde apparatus for disinfecting letters sent to the health office and elsewhere, money, watches, jewelry, books, and other things of value. I can not see the wisdom in sending over telephone a requisition for supplies when the blank can be properly disinfected and forwarded direct to the health office. Mistakes in quantities and in goods ordered would be prevented and time saved.

A small platform scale, such as is used by grocers and others, is a necessity; a water filter is another; and to save the excessive waste of gas a governor would be very useful. The roadways in the hospital grounds should be of concrete, vitrified brick, or some other material, for the softness of the present gravel roads allows sinking to the hubs of heavy wagons.

*What was the disease, if not smallpox?*—Before giving histories of cases to prove the disease, which we encountered during the past year, was smallpox, I shall attempt to show what it was not.

During the year ending June 30, 1900, there were reported to the

United States Marine-Hospital Service 12,566 cases of smallpox, with 682 deaths, a percentage of mortality of 5.50.

The accuracy of the diagnosis was questioned by many physicians as well as by many high in authority in municipal governmental matters: the question being raised upon the ground that smallpox is a very fatal disease, therefore any disease passing for smallpox without an excessive rate of mortality has certainly been incorrectly named. Be this as it may, the men who have been most intimately associated with the disease, as it recently prevailed, are of a different opinion, otherwise experience amounts to nothing. The great majority of disputants are from that class of men who rely entirely upon text-book descriptions of disease and have not had the opportunity to see or to study more than one or two well-developed, characteristic cases, cases about which no possible doubt could arise. Men of this class are very dangerous advisers in matters pertaining to the public health; still, they carry a large following and exercise a great influence with the people; when their mistaken diagnosis is corrected by the health authorities and a house placed in quarantine, the cry of "Cuban itch," "syphilis," "chickenpox," "black measles," et id omne generis is raised, and it requires oftentimes an executive at the head of a health department of more than usual determination to withstand the slurs and attacks to which he is subjected.

So far as the diagnosis of "Cuban itch" is concerned, I do not feel able to dispute with one who has seen this disease, but when it comes to contending with one who has never seen the disease, I feel equally competent to pass an opinion, since we stand on the same footing, so far as actual knowledge of the disease goes.

"Cuban itch" has made martyrs of many poor sufferers during the past two years, and it would be well to relegate it to a state of quiescence, which it deserves. This same applies with equal force to "Porto Rico fever."

Now, whatsoever this disease has been, supposing, for the sake of argument, that it was not smallpox, it has certainly conferred an immunity against smallpox which is equal to the power of vaccination, and it, in its turn, has been prevented by a successful vaccination. What better argument is needed than this action? Against what other disease does vaccine virus grant immunity? The diagnosis of smallpox is not always the easy thing which some authorities lead us to think, for it will require, at times, time and anxious thought to differentiate in the early days between typhus fever, cerebro-spinal meningitis, lobar pneumonia, scarlet fever, and measles; then, later, between pemphigus, syphilis, impetigo contagiosa, and varicella. The early symptoms of many of these diseases are frequently the same as those of smallpox, and time alone decides the question. This may appear at first sight an ignorant statement; nevertheless it is not without foundation, as anyone conversant with the disease will remember.

In view of the difficulty which arises to us all in the proper diagnosis of eruptive diseases, I should suggest that all cases of varicella, "Cuban itch," "Porto Rico fever," and "measles" be included in the list of contagious diseases to be reported to the health officer.

Respectfully submitted,

LEWELLYN ELIOT, M. D.,  
*Physician in Charge Smallpox Hospital.*  
WM. C. WOODWARD, M. D.,  
*Health Officer.*

SMALLPOX HOSPITAL,  
Washington, D. C., ———, 190—.

To ———, M. D., *Health Officer*.

SIR: The following is a report of admissions to the hospital on the above date:

No.	Name.	Color.	Age.	Nativity.	Where from.	Disease.

Very respectfully,

———, *Physician in Charge*.

SMALLPOX HOSPITAL,  
Washington, D. C., ———, 190—.

To ———, *Health Officer*.

SIR: I have the honor to submit the following report of the condition of patients in the hospital at this date, ———:

No.	Name.	Color.	Age.	Condition of patient.

Very respectfully, your obedient servant,

———, *Physician in Charge*.

Requisition No. ———.

SMALLPOX HOSPITAL,  
Washington, D. C., ———, 190—.

———, *Health Officer*.

SIR: I have the honor to make application for the following-named articles for the Smallpox Hospital:

———, *Physician in Charge*.

SMALLPOX HOSPITAL,  
Washington, D. C., ———, 190—.

I certify that ——— was received into this hospital ———, 190—; that ——— disease was ———; that ——— is this day discharged therefrom, and that I believe ——— to be free from infection.

———, *Physician in Charge*.

## APPENDIX E.

### STATUS OF LEGISLATION RELATING TO PUBLIC HEALTH IN THE DISTRICT OF COLUMBIA AT THE CLOSE OF THE FIFTY-SIXTH CONGRESS.

A bill for preventing the adulteration, misbranding, and imitation of foods, beverages, candies, drugs, and condiments in the District of Columbia and the Territories, and for regulating interstate traffic therein, and for other purposes. S. 2050, S. 2222, and S. 3618; referred to the Committee on Agriculture and Forestry. H. R. 2561 and H. R. 6246; referred to Committee on Interstate and Foreign Commerce. H. R. 9677; referred to Committee on Interstate and Foreign Commerce and reported back with amendments (see H. R. Report 1426).

A bill for the establishment of a food bureau in the Department of Agriculture, and for preventing the adulteration and misbranding of foods in the District of Columbia and the Territories, and for regulating interstate commerce therein, and for other purposes. H. R. 4618; referred to the Committee on Interstate and Foreign Commerce.

A bill to prevent the manufacture of adulterated foods. S. 2426; referred to the Committee on Manufactures and reported back with amendments (see S. Report 516).

A bill for the further prevention of cruelty to animals in the District of Columbia. S. 34; referred to the Committee on the District of Columbia.

A bill to prevent cruelty to certain animals in the District of Columbia. S. 2098; referred to the Committee on the District of Columbia.

A bill to restore medical freedom to the people of the District of Columbia. H. R. 1113; referred to the Committee on the District of Columbia.

A bill for a municipal hospital for the District of Columbia. S. 108; referred to the Committee on the District of Columbia. H. R. 7651; referred to the Committee on the District of Columbia.

A bill for the transformation of the inner basin of the Potomac flats into a public bathing pool. S. 1027; referred to the Committee on the District of Columbia, and reported back with amendments (see S. Report 700).

A bill authorizing the Commissioners of the District of Columbia to enter into a contract for the collection and disposal of garbage and dead animals in said District. S. 2638; referred to the Committee on the District of Columbia, and reported back (see S. Report 338). Indefinitely postponed. H. R. 7018; referred to the Committee on the District of Columbia.

A bill prohibiting bone or fertilizing factories to be operated in the District of Columbia. S. 3518; referred to the Committee on the District of Columbia. H. R. 8696; referred to the Committee on the District of Columbia.

A bill creating a commission for the condemnation of insanitary buildings in the District of Columbia, and for other purposes. S. 3120; referred to the Committee on the District of Columbia. H. R. 8305; referred to the Committee on the District of Columbia.

A bill for the regulation of scientific experiments upon human beings in the District of Columbia. S. 3424; referred to the Committee on the District of Columbia.

A bill to regulate the practice of veterinary medicine in the District of Columbia. H. R. 9148; referred to the Committee on the District of Columbia.

A bill to amend an act entitled "An act to regulate in the District of Columbia the disposal of certain refuse, and for other purposes," approved January 25, 1898. S. 3937; referred to the Committee on the District of Columbia, and reported back (see S. Report 971). H. R. 10231; referred to the Committee on the District of Columbia.

A bill to regulate the practice of homeopathic pharmacy in the District of Columbia. S. 4425; referred to the Committee on the District of Columbia, and reported back (see S. Report 1483). H. R. 10805; referred to the Committee on the District of Columbia.

A bill to invest the Washington Humane Society with the care, control, and management of the pound in and for the District of Columbia, and for other purposes. S. 4232; referred to the Committee on the District of Columbia.

A bill relating to the disposal of dead bodies in the District of Columbia. S. 4593; referred to the Committee on the District of Columbia.

A bill to regulate the production and sale of milk and cream in and for the District of Columbia. S. 4804; referred to the Committee on the District of Columbia, and reported back with amendments (see S. Report 1665).

A bill to require cases of typhoid fever occurring in the District of Columbia to be reported to the health department of said District. S. 4803; referred to the Committee on the District of Columbia.

A bill to permit certain burials of the dead in the lands of the Protestant Episcopal Cathedral Foundation of the District of Columbia, and for other purposes. S. 3481; referred to the Committee on the District of Columbia, and reported back (see S. Report 1382). Consideration objected to in Senate.

## APPENDIX F.

### LAWS AND REGULATIONS RELATING TO PUBLIC HEALTH.

The following laws and regulations have, in the issue of this report, been compared with the official copies thereof. Wherever, therefore, a discrepancy exists between them and between the corresponding laws and regulations as they have appeared in previous reports, the text below may be accepted as correct:

#### ACTS OF THE LEGISLATIVE ASSEMBLY, DISTRICT OF COLUMBIA, AFFECTING THE HEALTH DEPARTMENT.

CHAP. CVIII.—AN ACT prescribing the duties of certain officers for the District of Columbia and fixing their compensation.

\* \* \* \* \*

SEC. 13. *And be it further enacted*, That it shall be the duty of the coroner to hold an inquest over any person found dead in the District of Columbia, when the manner and cause of death shall not be already known as accidental or in the course of nature. No coroner's jury shall receive any fee or compensation for services as such, and said coroner is hereby authorized and empowered to issue his certificate to the auditor for the payment of such expenses as may be necessary for the interment of any person over whom he has held an inquest and whose body is not claimed by friends or relatives: *Provided*, That the amount of such expenses shall not exceed the sum of ten dollars. He shall make a monthly report to the board of health of the number of inquests held by him during the month last past before said report, with a full description, as far as may be, of the age and sex of persons, color and nationality, the cause and mode of their death, and such other particulars as may be necessary to their identification, in case of strangers and unknown persons. He shall also, immediately after holding any inquest, deposit in some bank in the city of Washington, subject to the order of the governor, all moneys and all other property and other effects with the property clerk of the police department which shall be found upon the person of those over whom he shall hold an inquest, as hereinbefore provided. He shall receive a salary of two thousand dollars per annum, and give bond, to be approved by the governor, in the sum of five thousand dollars, conditioned for the faithful performance of his duties.

\* \* \* \* \*

Approved, August 23, 1871.

#### EXCERPTS FROM WEBB'S DIGEST OF THE LAWS OF THE CORPORATION OF WASHINGTON RELATING TO PUBLIC HEALTH.

SEC. 1 (page 5). It is not lawful for butchers or other persons to keep beef cattle or other animals intended for slaughter within seventy-five feet of any dwelling house, without the consent of both the occupant and owner of said dwelling; and it shall be the duty of the police officers to notify persons so offending to immediately remove such animals, and if the person or persons so notified shall refuse or neglect to obey within twenty-four hours thereafter, they shall be subject to a fine of five dollars, and a fine of twenty dollars for each day the said cattle are suffered to remain, and any police officer refusing or willfully neglecting to perform the duty prescribed shall be punished by a fine of five dollars, and shall be dismissed from office, said fines to be collected and applied as other fines under this corporation.

SEC. 2 (page 44). It shall be unlawful for any person to store, put, or place bones which shall have been purchased or bartered, in any house, storeroom, stable, build-

ing, or place, within two hundred feet of any dwelling house, other than the dwelling house of the person storing such bones, under a penalty of five dollars for each and every day that the same shall be stored, put, or placed, as aforesaid; and it shall be unlawful for any person, or persons, to store old rags which shall have been purchased or bartered, in any house, storeroom, stable, building, or place, within fifty feet of any dwelling house, other than the dwelling house of the person storing such rags, and the entire stock of old rags, so collected and stored, shall be removed from the premises, or shipped at least once in every fifteen days; and any person or persons storing old rags, or refusing or neglecting to remove the same in accordance with these provisions, shall be liable to a fine of five dollars for every day that they shall so offend.

SEC. 1. (page 50). It shall not be lawful for any person or persons to erect any whitesmith or blacksmith shop within thirty feet of any dwelling house inside of the limits of the corporation, or within that distance of any dwelling house to extend any whitesmith or blacksmith shop now erected, under a penalty of not less than two nor more than five dollars for every day such erection or extension shall remain after notice shall be given by the mayor for the removal thereof, to be collected and applied as other fines.

SECS. 1 and 2 (pages 119 and 120). It shall not be lawful for any person or persons to keep, provide for, or maintain within the limits of the city of Washington a cow yard, pen, or stable for dairy or other purposes, nearer than two hundred feet to any dwelling house other than the dwelling house of the owner or keeper of such yard, pen, or stable, under a penalty of not less than one nor more than five dollars for each day's offense so continued; to be prosecuted and recovered as other fines and penalties due the corporation are prosecuted and recovered: *Provided, however*, That nothing herein contained shall apply to persons who keep but two cows for their own immediate use; and this section shall be so construed as to permit the selling of milk by persons who keep one or two cows.

SEC. 2. The owner or keeper of any cow yard, pen, or stable, or other place where cows are kept, within the limits of the city of Washington, shall daily remove the filth from and keep clean such yard, pen, stable, or other place, under a penalty of not less than one nor more than five dollars for each and every offense, to be recovered as other fines are.

SEC. 8 (page 214). It shall be the duty of each and every person occupying a dwelling house or store, or any other kind of building, to have the paved footwalk and gutter in front of his, her, or their premises cleaned daily from the first of May to the first of December, by collecting the dirt from such gutter into piles, to be removed under the direction of the commissioners of improvements so soon as possible after it has been collected; and any person or persons who shall fail or refuse to have the paved footwalk or gutter in front of his, her, or their premises cleaned as hereinbefore provided shall be subject to a fine of not more than five nor less than one dollar for each and every offense.

SEC. 9 (page 214). If any person or persons shall cast, place, or lay, or cause to be cast, placed, or laid any rubbish, oyster shells, shavings, or offal, or refuse substance of any kind whatsoever of his, her, or their trade, occupation, or business; or any coal, firewood, ashes, barrels, hogsheads, or casks of any kind; boxes, foul water, dye water, or offal from soap and candle or other manufactories; filth, stable manure, or any offensive substance or obstruction in any street, avenue, open space, public reservation, alley, or open lot, or so that the same may run into any improved street, avenue, public reservation, alley, open space, or open lot, or in the gutters of any such street, avenue, public reservation, open space, or open lot, or on any pavement, and shall not remove the same on the day on which the same shall have been so placed as aforesaid—every person so offending or directing or ordering the same to be done shall forfeit and pay not less than one nor more than five dollars, and the further sum of five dollars for each and every day the same shall be suffered to remain, except the article of firewood, which may remain forty-eight hours and no longer on such street or avenue, not including the pavement thereof: *Provided*, That it shall and may be lawful for any person or persons engaged in erecting or repairing a building to occupy with the materials used in making such building or repairing the inside half of the breadth of the footway and one-third part of the breadth of the carriageway, and no more, in front of any lot on which the building is being erected or repaired; said materials to be placed in such position and so arranged as may be approved of by the commissioners of improvements, under a penalty of not less than five nor more than ten dollars for each offense, and a further penalty of a like sum for every day the same may be suffered to remain, to be recovered from the owner of the property or the contractor for the erection or repairs of the building; and all materials and rubbish shall be removed by the con-

tractor or owner of the property within five days after said building shall be completed.

SEC. 1 (page 316). It shall be unlawful for any owner or owners to occupy, rent, or cause to be rented any dwelling houses or tenements without providing for each and every dwelling house or tenement a suitable privy for the use of the occupant of such dwelling house or tenement; and if any owner or agent shall neglect or refuse to provide such privy, he shall forfeit and pay a fine of five dollars for each and every week of such neglect or refusal; and it shall be unlawful for any person or persons to make any excavation under any privy within the city, under a penalty not exceeding ten dollars for each offense.

SEC. 5 (page 358). In all cases where a drain shall be made from any lot, house, or other property into a public sewer constructed by this corporation, there shall be a good and sufficient copper or cast-iron strainer inside of the basement or cellar wall of the property so drained, to prevent any vegetable matter or filth in a solid state from passing into the sewer; and such cellar or basement shall at all times be subject to the inspection of such person as may be authorized by the mayor or corporation to examine the same; and if at any time the strainer shall be found worn out or choked with filth, or if the drain itself shall be choked with filth, the owner or occupier of the premises, either or both of them, shall be fined not less than five dollars nor more than ten dollars for the first offense, and not less than ten dollars nor more than twenty dollars for the second or any subsequent offense, and five dollars for every twenty-four hours during which the strainer or drain shall remain out of repair or be choked up; the said fines to be recovered as other fines of this corporation are recovered.

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ACTS OF CONGRESS RELATING TO THE PUBLIC HEALTH IN THE DISTRICT OF COLUMBIA.

Extract from "An act to provide a government for the District of Columbia."

[R. S. D. C., sec. 72.]

There shall be appointed by the President of the United States, by and with the advice and consent of the Senate, a board of health for said District, to consist of five persons, whose duty it shall be to declare what shall be deemed nuisances injurious to health, and to provide for the removal thereof; to make and enforce regulations to prevent domestic animals from running at large in the cities of Washington and Georgetown; to prevent the sale of unwholesome food in said cities; and to perform such other duties as shall be imposed upon said board by the legislative assembly.

Approved February 21, 1871.

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DUTY OF POLICE TO ASSIST HEALTH OFFICER, WHEN REQUIRED.

[R. S. D. C., sec. 380.]

The board of health or proper health officer of the District shall have power to call upon any of the police force, to a number not exceeding six, to aid upon any necessary emergency in enforcing the powers and duties conferred upon their office by law; and it shall be the duty of any such number of police so called upon to obey such call, but such service shall not continue longer than twenty-four hours.

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Extract from "An act providing a permanent form of government for the District of Columbia."

[2 Sup. R. S., 179.]

That in lieu of the board of health now authorized by law, the Commissioners of the District of Columbia shall appoint a physician as health officer, whose duty it shall be, under the direction of the said Commissioners, to execute and enforce all laws and regulations relating to the public health and vital statistics, and to perform all such duties as may be assigned to him by said Commissioners; and the board of health now existing shall, from the date of the appointment of said health officer, be abolished.

Approved June 11, 1878.



AN ACT to regulate the practice of pharmacy in the District of Columbia. \*

[1 Sup. R. S., 255.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That from and after the passage of this act it shall be unlawful for any person, not a registered pharmacist within the meaning of this act, to conduct any pharmacy or store for the purpose of retailing, compounding, or dispensing medicines or poisons, for medical use, in the District of Columbia, except as herein-after provided.

Sec. 2. That it shall be unlawful for the proprietor of any store or pharmacy to allow any person, except a registered pharmacist, to compound or dispense the prescriptions of physicians, or to retail or dispense poisons for medical use, except as an aid to, and under the immediate supervision of, a registered pharmacist. Any person violating the provisions of this section shall be deemed guilty of a misdemeanor, and, on conviction thereof, shall be liable to a fine of not less than twenty-five dollars nor more than one hundred dollars for each and every such offense.

Sec. 3. That immediately after the passage of this act, and biennially thereafter, or as often as necessary, the Commissioners of the District of Columbia shall appoint three pharmacists and two physicians, all of whom shall have been residents of the District of Columbia for five years and of at least five years' practical experience in their respective professions, who shall be known and styled as commissioners of pharmacy for the District of Columbia, who shall serve without compensation, and who shall hold office for two years, and until their successors are appointed and qualified. Said commissioners shall, within thirty days after the notification of their appointment, each take and subscribe to an oath to impartially and faithfully discharge their duties as prescribed by this act. The position of any commissioner who shall fail to so qualify within the time named shall be vacant, and the vacancy or vacancies so occurring, or any vacancy or vacancies that may occur, shall be filled by the Commissioners of the District of Columbia.

Sec. 4. That the commissioners of pharmacy shall keep a book of registration open at some convenient place within the city of Washington, of which due notice shall be given through the public press, and shall record therein the name and place of business of every person registered under this act. It shall be the duty of said commissioners of pharmacy to register without examination, as registered pharmacists, all pharmacists and druggists who are engaged in business in the District of Columbia at the passage of this act as owners or principals of stores or pharmacies for selling at retail, compounding, or dispensing drugs, medicines, or chemicals, for medicinal use, or for compounding and dispensing physicians' prescriptions, and all assistant pharmacists, twenty-one years of age, engaged in said stores or pharmacies in the District of Columbia at the passage of this act, and who have been engaged as such in some store or pharmacy where physicians' prescriptions were compounded and dispensed for not less than five years prior to the passage of this act: *Provided, however,* That in case of failure or neglect on the part of any such person or persons to present themselves for registration within sixty days after said public notice, they shall undergo an examination such as is provided for in section five of this act.

Sec. 5. That the said commissioners of pharmacy shall, upon application and at such time and place as they may determine, examine each and every person who shall desire to conduct the business of selling at retail, compounding, or dispensing drugs, medicines, or chemicals for medicinal use, or compounding and dispensing physicians' prescriptions within the District of Columbia as pharmacists; and if a majority of said commissioners shall be satisfied that said person is competent and fully qualified to conduct said business of compounding or dispensing drugs, medicines, or chemicals for medicinal use, or to compound and dispense physicians' prescriptions, they shall enter the name of such person as a registered pharmacist in the book provided for in section four of this act.

Sec. 6. That no person shall be entitled to an examination by said commissioners of pharmacy for registration as pharmacist unless he present satisfactory evidence of being twenty-one years of age, and having served not less than four years in a store or pharmacy where physicians' prescriptions were compounded and dispensed, or is a graduate of some respectable medical college or university.

Sec. 7. That all graduates in pharmacy having a diploma from an incorporated college or school of pharmacy that requires a practical experience in pharmacy of not less than four years before granting a diploma shall be entitled to have their names registered as pharmacists by said commissioners of pharmacy.

Sec. 8. That the commissioners of pharmacy shall be entitled to demand and receive from each person whom they register as pharmacist without examination the sum

of three dollars, and from each person whom they examine the sum of ten dollars. And in case the examination of said person should prove defective and unsatisfactory, and his name not be registered, he shall be permitted to present himself for reexamination within any period not exceeding twelve months next thereafter, and no charge shall be made for such reexamination. The money received under the provisions of this section shall be applied to payment of such expenses as the commissioners may incur in executing the provisions of this act.

Sec. 9. Every registered pharmacist shall be held responsible for the quality of all drugs, chemicals, and medicines he may sell or dispense, with the exception of those sold in the original packages of the manufacturer, and also those known as "patent medicines;" and should he knowingly, intentionally, and fraudulently adulterate, or cause to be adulterated, such drugs, chemicals, or medical preparations, he shall be deemed guilty of a misdemeanor, and, upon conviction thereof, be liable to a penalty not exceeding one hundred dollars, and, in addition thereto, his name shall be stricken from the register.

Sec. 10. It shall be unlawful for any person, from and after the passage of this act, to retail any poisons enumerated in Schedules A and B, as follows, to wit:

#### SCHEDULE A.

Arsenic and its preparations, corrosive sublimate, white precipitate, red precipitate, biniodide of mercury, cyanide of potassium, hydrocyanic acid, strychnia and all other poisonous vegetable alkaloids and their salts, essential oil of bitter almonds, opium and its preparations, except paregoric and other preparations of opium containing less than two grains to the ounce.

#### SCHEDULE B.

Aconite, belladonna, colchicum, conium, nux vomica, henbane, savin, ergot, cotton root, cantharides, creosote, digitalis, and their pharmaceutical preparations, croton oil, chloroform, chloral hydrate, sulphate of zinc, mineral acids, carbolic acid, and oxalic acid, without distinctly labeling the box, vessel, or paper in which the said poison is contained, and also the outside wrapper or cover, with the name of the article, the word "poison," and the name and place of business of the seller. Nor shall it be lawful for any person to sell or deliver any poisons enumerated in Schedules A and B, unless, upon due inquiry, it be found that the purchaser is aware of its poisonous character, and represents that it is to be used for a legitimate purpose. Nor shall it be lawful for any registered pharmacist to sell any poisons included in Schedule A without, before delivering the same to the purchaser, causing an entry to be made in a book kept for that purpose, stating the date of sale, the name and address of the purchaser, the name and quality of the poison sold, the purpose for which it is represented by the purchaser to be required, and the name of the dispenser; such book to be always open for inspection by the proper authorities, and to be preserved for reference for at least five years. The provisions of this section shall not apply to the dispensing of poisons, in not unusual quantities or doses, upon the prescriptions of practitioners of medicine. Nor shall it be lawful for any licensed or registered druggist or pharmacist in the District of Columbia to retail, or sell, or give away any alcoholic liquors or compounds, as a beverage, to be drunk or consumed upon the premises. And any violation of the provisions of this section shall make the owner or principal of said store or pharmacy liable to a fine of not less than twenty-five and not more than one hundred dollars, to be collected in the usual manner.

Sec. 11. Any itinerant vender of any drug, nostrum, ointment, or appliance of any kind, intended for the treatment of diseases or injury, or who shall, by writing, or printing, or any other method, publicly profess to cure or treat diseases, injury, or deformity, by any drug, nostrum, manipulation, or other expedient, shall pay a license of two hundred dollars per annum into the treasury of the District of Columbia, to be collected in the usual way.

Sec. 12. That any person who shall procure or attempt to procure registration for himself or for another under this act, by making or causing to be made any false representation, shall be deemed guilty of a misdemeanor, and shall, upon conviction thereof, be liable to a penalty of not less than twenty-five nor more than one hundred dollars, and the name of the person so fraudulently registered shall be stricken from the register. Any person, not a registered pharmacist as provided for in this act, who shall conduct a store, pharmacy, or place for retailing, compounding, or dispensing drugs, medicines, or chemicals, for medicinal use, or for compounding or dispensing physicians' prescriptions, shall be deemed guilty of a misdemeanor, and, upon conviction thereof, shall be liable to a penalty of not less than fifty dollars.

SEC. 13. That all fines and penalties under this act shall be collected in the same manner that other fines and penalties are collected in the District of Columbia; and it shall be the duty of the United States district attorney for the District of Columbia to prosecute all violations of this act.

SEC. 14. That all acts and parts of acts inconsistent with this act be, and the same are hereby, repealed.

Approved June 15, 1878.

AN ACT to create a revenue in the District of Columbia by levying a tax upon all dogs therein, to make such dogs personal property, and for other purposes.

[1 Sup. R. S., 374.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That there shall be levied a tax of two dollars each per annum upon all dogs owned or kept in the District of Columbia; said tax to be collected as other taxes in said District are or may be collected.

SEC. 2. It shall be the duty of the collector of taxes, upon receipt of said tax, to give to the person paying the same, for each dog so paid for, a suitable metallic tag, stamped with the year, showing that said tax has been duly paid; and he shall keep a record of all such payments, with the date thereof, and the name, color, and sex of such dog, and the name of the person claiming any dog so paid for; and a copy of such record, certified under the hand and official seal of the said collector, which shall be given to any person demanding the same, upon payment of twenty-five cents therefor, shall be prima facie evidence of such payment in any court in the District of Columbia.

SEC. 3. The poundmaster of the District of Columbia shall, during the entire year, seize all dogs found running at large without the tax tag, issued by the collector aforesaid, attached, and shall impound the same; and if, within forty-eight hours, the same are not redeemed by the owners thereof, by the payment of two dollars, they shall be sold or destroyed, as the poundmaster may deem advisable; and any sale made by virtue hereof shall be deemed valid to all intents and purposes in all the courts of the District of Columbia.

SEC. 4. Any dog wearing the tax tag hereinbefore provided for shall be permitted to run at large in the District of Columbia, and shall be regarded as personal property in all the courts of said District; and any person injuring or destroying the same shall be liable to a civil action for damages, which, upon proof of said injuring or killing may be awarded in a sum equal to the value usually put upon such property by persons buying and selling the same, subject to such modification as the particular circumstances of the case may make proper.

SEC. 5. Any person owning any dog so recorded in the collector's office shall be liable in a civil action for any damage done by said dog to the full amount of the injury inflicted.

SEC. 6. It shall be the duty of any person owning or possessing a dog to place, or cause to be placed and kept, around the neck of such dog, a collar, on which shall be marked and engraved, in legible and durable characters, the name of the owner or possessor, and the letters "D. C.", and to which collar must be attached the insignia or tax tag furnished by the District tax collector, in accordance with the first and second sections of this law, under the penalty of not less than five nor more than ten dollars; and if any person shall put, or cause to be put, a collar, with the insignia or tax tag, around the neck of any dog owned or possessed by any person or persons residing in the District, without having obtained a license for keeping such animal, he, she, or they shall forfeit and pay the sum of not less than five nor more than ten dollars for each and every offense.

SEC. 7. Whenever it shall be made to appear to the Commissioners that there are good reasons for believing that any dog or dogs within the District are mad, it shall be the duty of the Commissioners to issue a proclamation requiring that all dogs shall, for a period to be defined in the proclamation, wear good, substantial muzzles securely put on, so as to prevent them from biting or snapping; and any dog going at large during the period defined by the Commissioners without such a muzzle shall be taken by the poundmaster and impounded, subject to the provisions of section three.

SEC. 8. Any person who shall remove, or cause to be removed, the collar and insignia or tax tag from the neck of any dog, or entice any properly licensed dog into any inclosure for the purpose of taking off its collar or insignia, or shall for such purpose decoy or entice any animal out of the inclosure or house of its owner or possessor, or shall seize or molest any dog while held or led by any person, or shall bring any

dog into the District for the purpose of taking up and killing the same, shall forfeit and pay a sum of not more than twenty dollars.

SEC. 9. If any owner or possessor of a fierce or dangerous dog permit the same to go at large in the District of Columbia, to the danger or annoyance of the inhabitants, he shall forfeit and pay, for the first offense, ten dollars; for the second, a sum not exceeding twenty dollars; and upon a third conviction for the same offense, the Commissioners shall immediately cause the dog, upon account of which the conviction takes place, to be slain and buried.

SEC. 10. That all acts or parts of acts now in force in the District of Columbia inconsistent with the provisions of this act be, and the same are hereby, repealed.

Approved, June 19, 1878.

AN ACT authorizing the Commissioners of the District of Columbia to extend the area for the taking up and impounding of domestic animals in the District of Columbia.

[1 Sup. R. S., 195.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the Commissioners of the District of Columbia be, and are hereby, authorized to prescribe rules for taking up and impounding of domestic animals found running at large in the District of Columbia.

Approved, June 27, 1879.

JOINT RESOLUTION legalizing the health ordinances and regulations for the District of Columbia.

[1 Sup. R. S., 574.]

*Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,* That the ordinances of the late board of health of the District of Columbia, as revised, amended, and adopted November nineteenth, eighteen hundred and seventy-five, entitled "An ordinance to revise, consolidate, and amend the ordinances of the board of health, to declare what shall be deemed nuisances injurious to health and to provide for the removal thereof," as printed in the report of said late board of health made to the first session of the Forty-fourth Congress, being Executive Document number one, part eight, be, and the same are hereby, legalized; and the respective penalties therein prescribed for violations thereof may be imposed and enforced for the respective offenses therein described, excepting the sections of said ordinance following, namely: Sections seven, nine, and fourteen, which said sections are not hereby legalized.

SEC. 2. That the ordinances, rules, and regulations of said late board of health contained in the report mentioned in the preceding section, and printed in the said executive document therein mentioned, namely:

First. "An ordinance to amend an ordinance to prevent domestic animals from running at large within the cities of Washington and Georgetown, passed by the board of health May nineteenth, eighteen hundred and seventy-one;"

Second. "An ordinance to prevent the sale of unwholesome food in the cities of Washington and Georgetown;"

Third. "An ordinance to provide for the inspection of streets, food, live stock, fish and other marine products, in the cities of Washington and Georgetown, and to define the duties of inspectors and other officers of the board of health;"

Fourth. "An ordinance to amend section ten of the code so as to read;"

Fifth. "An ordinance to amend an ordinance passed May thirteenth, eighteen hundred and seventy-three to read as follows;"

Sixth. An ordinance to prevent committing or creating nuisances in or about public urinals located within the cities of Washington and Georgetown;"

Seventh.<sup>1</sup> "Rules and regulations in regard to smallpox;"

Eighth. "Regulations to secure a full and correct record of vital statistics, including the registration of marriages, births, and deaths, the interment, disinterment, and removal of the dead in the District of Columbia," be, and the same are hereby, legalized and made valid; and the penalties therein provided respectively for violations thereof, may be imposed and enforced for the violations of the same respectively, as provided by section twenty-seven of the ordinances passed November nineteenth, eighteen hundred and seventy-five.

Approved, April 24, 1880.

<sup>1</sup>See an act to prevent the spread of contagious diseases in the District of Columbia, approved March 3, 1897.

## ORDINANCES AS LEGALIZED BY FOREGOING RESOLUTION.

AN ORDINANCE to revise, consolidate, and amend the ordinances of the board of health, to declare what shall be deemed nuisances injurious to health, and to provide for the removal thereof.

*Be it ordained and enacted by the board of health of the District of Columbia,* That filth, the contents of cesspools, offal, garbage, foul water, dye water, refuse from manufacturing, ordure, urine, stable manure, decayed animal or vegetable matter, or other offensive substance detrimental to health, thrown, placed, or allowed to remain, in or upon any street, avenue, alley, sidewalk, gutter, public reservation, or open lot, in the cities of Washington or Georgetown, or in the more densely populated suburbs of said cities, are hereby declared nuisances injurious to health; and any person who shall commit, create, or maintain the aforesaid nuisances, or either of them, shall, upon conviction, be fined not less than five nor more than twenty-five dollars for every such offense.

SEC. 2. That the carrying and transporting of bones, hides, fish, garbage, offal, or other animal or vegetable substances, in decomposing and offensive condition, in any other than covered and inclosed vehicles, through any street, avenue, alley, or public place, within the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, is hereby declared a nuisance injurious to health; and any person who shall cause, commit, create, or maintain such nuisance shall, upon conviction, be fined not less than two nor more than twenty-five dollars for every such offense.

SEC. 3. That manure accumulated in great quantities; manure, offal, or garbage piled or deposited within 300 feet of any place of worship, or of any dwelling, or unloaded along the line of any railroad, or in any street or public way; cars or flats loaded with manure, or other offensive matter, remaining or standing on any railroad, street, or highway in the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, are hereby declared nuisances injurious to health; and any person who shall pile or deposit manure, offal, or garbage, or any offensive or nauseous substance within 300 feet of any inhabited dwelling within the limits of said cities or their said suburbs, and any person who shall unload, discharge, or put upon or along the line of any railroad, street, or highway, or public place within said cities or their said suburbs any manure, garbage, offal, or other offensive or nauseous substance within 300 feet of any inhabited dwelling, or who shall cause or allow cars or flats loaded with or having in or upon them any such substance to remain or stand in or along any railroad, street, or highway within the limits of said cities or their suburbs within 300 feet of any inhabited dwelling, and who shall fail, after notice duly served by this board, to remove the same, shall, upon conviction thereof, be fined not less than five nor more than twenty-five dollars for every such offense.

SEC. 4. That the filling, leveling, or raising the surface of any ground or lot within the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, with animal or vegetable substances, filth gathered in cleaning yards or streets, or waste material from mills or factories, or the removal of the surface of any ground or lot within said cities, or their said suburbs, filled with such offensive matter or substance, in such manner as to cause noisome odors or noxious gases to arise, are hereby declared nuisances injurious to health; and any person who shall cause, commit, create, or maintain such nuisance shall, upon conviction, be fined not less than five nor more than twenty dollars for every such offense.

SEC. 5. That throwing or placing any defiling or poisonous substance, decayed animal or vegetable matter, or filth into, or causing or allowing the same to pass or enter into, any spring, well, or river water used by the public for drinking or cooking purposes, or into the water of any public reservoir or water pipe within the District of Columbia, whereby such water is rendered impure and unwholesome, are hereby declared nuisances injurious to health; and any person who shall commit or create such nuisance shall, upon conviction, be fined not less than five nor more than fifty dollars for every such offense.

SEC. 6. That any wells, springs, or waters used for drinking or cooking purposes, which are impure and unwholesome, or which have been rendered impure and unwholesome by reason of any defiling or poisonous substance, are hereby declared nuisances injurious to health; and any person who shall maintain or continue such nuisance, after due notice from this board to abate the same, shall, upon conviction, be fined not less than ten nor more than fifty dollars for every such offense.

SEC. 8. That ailantus trees, the flowers of which produce offensive and noxious odors, in bloom, in the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, are hereby declared nuisances injurious to health;

and any person maintaining such nuisance, who shall fail, after due notice from this board, to abate the same, shall, upon conviction, be fined not less than five nor more than ten dollars for every such offense.

Sec. 10.<sup>1</sup> That drainpipes, soil pipes, passages into sewers, or connections between any sewer and any ground or building, not of adequate and sufficient size to allow the free and entire passage of all the material that enters the same, or not provided with good and sufficient sewer traps, so as to prevent the escape of noisome odors and noxious gases therefrom, are hereby declared nuisances injurious to health; and any person creating or maintaining either of said nuisances who shall fail, after due notice from this board, to abate the same, shall, upon conviction, be fined not less than five nor more than twenty-five dollars for every such offense.

Sec. 11. That all water-closets and privies connected with any house, building, or premises within the District of Columbia, in or upon which people live, or where they congregate or assemble, or any kind of business is done, kept in a filthy and offensive condition, or from which noisome odors and noxious gases arise, and all water-closets located within and being a part of any such house or building not provided with proper sewer traps, so as to prevent the return and escape of noxious gases and offensive odors from any public or private sewer connected therewith, are hereby declared nuisances injurious to health; and any person creating, keeping, or maintaining such nuisance shall, upon conviction, be fined not less than five nor more than twenty-five dollars for every such offense.

Sec. 12. That any privy within the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, including Uniontown or Anacostia, and Mount Pleasant, in the District of Columbia, constructed of other material than brick, cement, or wood, or which is not provided with a sufficient box, bucket, or vessel for the reception of filth, and the inside of which is not at least five feet distant from the line of any adjoining lot, and at least two (2) feet distant from any street, lane, alley, camp, square, or public place, or public or private passageway; and any privy so constructed that it can not be conveniently approached and cleaned, or in such manner that each and every vault, box, bucket, or vessel thereof is not made tight and close, so that the contents thereof can not escape therefrom, except as may be permitted by means of a passageway or conduit under ground, for the purpose of carrying away the contents of such vault, box, or vessel into any common sewer or drain, is hereby declared a nuisance injurious to health; and any person who shall create, maintain, or continue such nuisance, and shall fail, after due notice from this board, to abate or remedy the same, shall, upon conviction, be fined not less than five nor more than twenty dollars for every such offense.

Sec. 13. That fecal matter, not thoroughly deodorized and disinfected, remaining in privies in the District of Columbia, is hereby declared a nuisance injurious to health; and the board of health shall, upon the receipt of complaint in writing, cause any privy to be inspected, and, if necessary, cleaned by the persons authorized for said purpose; and any person owning or occupying premises on which any privy is situated who shall refuse to permit the same to be inspected and cleaned at the times designated by said board, or whenever necessary, shall, upon conviction, be fined not less than five dollars for every such offense.

Sec. 15. That it shall be unlawful for any person to deposit the contents of any privy in any place other than such as may be approved by this board; and any person so offending shall, upon conviction, be fined not less than five nor more than fifty dollars for every such offense.

Sec. 16. That the system heretofore in use of removing night-soil, cleaning privies, privy boxes, vaults, sinks, and cesspools within the cities of Washington and Georgetown and the more densely populated suburbs of the said cities by buckets or other process agitating and exposing the contents thereof in the open air, and of transporting said contents in carts or other vehicles not air-tight through the streets, avenues, alleys, and other public places within said cities and their said suburbs is hereby declared a nuisance injurious to health.

And that from and after the 15th day of October, A. D. 1873, no part of the contents (except substances not soluble in water) of any privy, privy box, vault, sink, or cesspool within said cities or their said suburbs shall be removed therefrom, nor shall the same be transported through any of the streets, avenues, alleys, or other public places of said cities or of their said suburbs, except as the same shall be removed and transported by means of some air-tight apparatus, pneumatic or other process, so as to prevent the said contents from being agitated or exposed in the open air during said process of removal or transportation; and any person violating the provisions of this section shall, upon conviction thereof, be fined not less than ten nor more than fifty dollars for every such offense.

<sup>1</sup> See section 10 as amended, page 83.

Sec. 17. That the keeping, herding, and feeding of hogs, in pens or otherwise, within the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, is hereby declared a nuisance injurious to health; and any person creating or maintaining such nuisance, who shall fail, after due notice from this board, to abate the same, shall, upon conviction, be fined not less than five nor more than twenty-five dollars for every such offense.

Sec. 18. That filthy and unwholesome stables, sheds, pens, or places where cows, horses, mules, or other animals are kept, within the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, are hereby declared nuisances injurious to health; and any person creating or maintaining such nuisance who shall fail, after due notice from this board, to abate the same, shall, upon conviction, be fined not less than five nor more than twenty-five dollars for every such offense.

Sec. 19. That any animal affected by glanders or other contagious or pestilential disease, kept or remaining in any stable, shed, pen, or place within the cities of Washington or Georgetown or the more densely populated suburbs of said cities, is hereby declared a nuisance injurious to health; and any person keeping or maintaining such nuisance, who shall fail, after due notice from this board, to abate the same, shall, upon conviction, be fined not less than five nor more than twenty-five dollars for every such offense.

Sec. 20. That all establishments or places of business for tanning, skinning, scouring, or dressing hides or leather within the District of Columbia, in a filthy condition, or from which noisome odors or noxious gases arise, are hereby declared nuisances injurious to health; and any person who shall erect, create, maintain, or continue such nuisance, and who shall fail, after due notice from this board, to abate the same, shall, upon conviction, be fined not less than ten nor more than fifty dollars for every such offense.

Sec. 21. That the boiling of offal, swill, bones, fat, tallow, or lard; the crushing, grinding, or burning of bones or shells; cleansing guts; making glue from any dead animal or part thereof; making or boiling varnish or oil; making lampblack, turpentine, or tar; distilling ardent, alcoholic, or fermented spirits; storing or keeping scraps, fat, grease, or other offensive animal matter; rendering or trying out dead, undressed, and unslaughtered animals, or any other business or trade, whereby noisome stenches and odors and noxious gases arise or are generated, within the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, are hereby declared nuisances injurious to health; and any person who shall cause, erect, create, maintain, or continue any such nuisance, and who shall fail, after due notice from this board, to abate the same, shall, upon conviction thereof, be fined not less than ten nor more than one hundred dollars for every such offense.

Sec. 22. That unclean and filthy slaughterhouses, rooms, buildings, or places where sheep, hogs, cattle, or other animals are slaughtered, within the District of Columbia, are hereby declared nuisances injurious to health; and any person creating, keeping, or maintaining such nuisance, who shall fail, after due notice from this board, to abate the same, shall, upon conviction, be fined not less than ten nor more than fifty dollars for every such offense.

Sec. 23. That the crushing or breaking of stone within the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, by machines or otherwise, in such manner as to create offensive and deleterious dust, is hereby declared a nuisance injurious to health; and any person creating or maintaining said nuisance, who shall fail, after due notice from this board, to remove or abate the same, shall, upon conviction, be fined not less than ten nor more than fifty dollars for every such offense.

Sec. 24. That undressed dead animals being or lying in any part of the cities of Washington or Georgetown, or the more densely populated suburbs of said cities, viz: Any of the horse, mule, or jack kinds, or any cow, goat, calf, sheep, dog, or swine, are hereby declared nuisances injurious to health; and any person owning, possessing, or controlling any such dead animal, or any person who shall knowingly place or allow such dead animal to remain in any part of said cities or their said suburbs, and who shall fail to give notice thereof to the board of health within eight hours after the death of said animal, shall, upon conviction, be fined not less than five nor more than ten dollars for every such offense.

Sec. 25. That unmuzzled dogs going upon any street, avenue, or other public place, between the fifteenth day of May and the fifteenth day of October in any year, mad dogs, and dogs bitten by hydrophobic dogs, are hereby declared nuisances injurious to health; and any person owning or keeping any dog who shall allow the same to go unmuzzled upon any street, alley, or other public place, between the fifteenth day of May and the fifteenth day of October in any year, or who shall

refuse to kill, or to cause to be killed, any such dog owned or kept by him, which has gone mad, or given symptoms of hydrophobia, or who shall omit to confine any such animal exposed to such disease, or which has been bitten by a hydrophobic dog or animal, shall be deemed guilty of maintaining a nuisance, and, upon conviction thereof, shall be fined not less than one nor more than twenty-five dollars; and any dog going at large between the fifteenth day of May and the fifteenth day of October in any year, without a proper muzzle, shall be taken up by the poundmaster, who shall charge the owner of the same one dollar for its redemption; and every such dog not redeemed within twenty-four hours after having been taken up as aforesaid shall be liable to be shot by said poundmaster.

Sec. 26. That it shall be the duty of the health officer appointed by this board, upon receiving information or obtaining knowledge of the existence of any thing or things herein declared to be nuisances, or any thing or things which may hereafter be declared to be nuisances by any ordinance or resolution enacted or adopted by this board, to notify the person or persons committing, creating, keeping, or maintaining the same, to remove, or cause to be removed, the same within twenty-four hours, or such other reasonable time as may be determined by this board, after such notice be duly given; and if the same be not removed by such person or persons within the time prescribed in said notice, it shall be the duty of the health officer aforesaid to remove, or cause to be removed, such nuisance or nuisances, and all costs and expenses of such removal shall be paid by the persons committing, creating, keeping, or maintaining such nuisance or nuisances; and if the said costs and expenses thus accruing shall not be paid within ten days after such removal by said health officer, the same shall be collected from the person or persons committing, creating, keeping, or maintaining such nuisances by suit at law.

Sec. 27. That all fines and penalties imposed by any section of this ordinance shall be collected by prosecution in the police or other proper court of the District of Columbia, by information filed in said court, at the instance of the board of health.

And whenever the nuisance complained of is set forth as continuing and existing, and is shown to be such to the satisfaction of the court before whom the person creating or maintaining said nuisance is tried, the party so offending shall, upon conviction thereof, in addition to the fine imposed, be ordered by said court to abate or remove said nuisance.

Sec. 28. That all ordinances, or parts of ordinances, of this board inconsistent or in conflict with the foregoing provisions of this ordinance are hereby repealed.

November 19, 1875.

AN ORDINANCE to amend "An ordinance to prevent domestic animals from running at large within the cities of Washington and Georgetown," passed by the board of health May 19, 1871.

*Be it ordained and enacted by the board of health of the District of Columbia, That domestic animals shall not be permitted to run at large within the limits of the cities of Washington and Georgetown, and all domestic animals found running at large within the limits of said cities shall be taken up and impounded.*

Sec. 2. That every animal taken up and impounded as aforesaid, within forty-eight hours after such impounding, if not claimed, and the charges for taking up, impounding and keeping the same paid, shall be sold at public auction; and the poundmaster appointed by this board, as hereinafter provided, is hereby authorized to act as auctioneer at said sale.

Sec. 3. That the proceeds of such sale shall be paid over to the treasurer of the board, who shall give duplicate receipts therefor, one copy of the same to be retained by the officer selling such animals, and the other copy to be by said officer filed with the secretary of the board; and it shall be the duty of said treasurer to keep an accurate account of all moneys received by him under the provisions of this ordinance, and to report the same from time to time as required by the board.

Sec. 4. That all moneys received by said treasurer from the sale of animals, as aforesaid, shall, if demanded by the owner of such animals, at any time within one year from the sale thereof, upon satisfactory proof that such claimant was the owner of such animal sold as aforesaid, after deduction of charges and expenses, as herein-said claimant; otherwise said moneys shall be used by this board for sanitary purposes within and for the benefit of the District of Columbia.

Sec. 5. That the charges for taking up and impounding domestic animals found running at large within the cities of Washington and Georgetown shall be as follows, to wit: For each horse, mule, bull, steer, cow, calf, heifer, two dollars; and for each



sheep, goat, hog, one dollar; and for each goose, fifty cents; and, in addition to said several sums, the charges for keeping said animals shall be the reasonable and necessary expenses thereof, to be paid by the owner.

SEC. 6. That no person shall break open, or in any manner, directly or indirectly, aid or assist in breaking open, any pound established by the board of health, or take or let any animal out of such pound, without the consent of the officer keeping the same; nor shall any person or persons hinder, delay, or obstruct any person or persons engaged in driving or carrying to such pound any animal or animals liable to be taken up or impounded under the provisions of this ordinance; and any person violating the provisions of this section shall be punished, upon conviction thereof, by a fine of not less than five dollars nor more than twenty-five dollars for each and every such violation.

SEC. 7. That there shall be appointed by the board of health a poundmaster, whose duty it shall be to take up and impound all domestic animals found running at large within the cities of Washington and Georgetown, to keep safely and carefully all property pertaining to said pound, and all animals impounded therein; and to report from time to time, through the health officer, as required by this board, the condition of said pound, and what repairs, if any, are needed; and the number and description of the animals therein impounded, and what disposition has been made of the same; and to report all moneys received by him under the provisions of this ordinance. And it shall be the further duty of said poundmaster to pay over, daily, all moneys received as aforesaid to the health officer, taking receipt therefor, and said poundmaster shall give good and sufficient bonds for the proper discharge of his several duties as herein provided.

SEC. 8. That the poundmaster appointed by this board shall keep a register of all animals taken up by him, with an accurate description of the same; which shall at all times be open to the inspection of the public; and the said poundmaster is hereby forbidden to deliver any animal taken up and impounded to any person applying for the same, unless such person shall present good and sufficient evidence of his ownership or right to the possession of said animal.

And no sale of any animal or animals impounded as aforesaid shall be made until due public notice by advertisement in at least one newspaper of such sale shall have been given, together with a description of the animal or animals to be sold, as heretofore provided.

SEC. 9. That any ordinance or part of an ordinance heretofore passed by the board of health of the District of Columbia, inconsistent with the foregoing, be, and the same is hereby, repealed.

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AN ORDINANCE to prevent the sale of unwholesome food in the cities of Washington and Georgetown.

*Be it ordained and enacted by the board of health of the District of Columbia,* That no person shall knowingly sell, or cause to be sold, within the cities of Washington or Georgetown, any impure, diseased, decayed, or unwholesome provisions, nor shall any person fraudulently adulterate, for the purpose of sale within said cities, any bread or other material intended to be used for food with any substance of a poisonous character, or any substance injurious to health; and any person violating the provisions of this section shall, upon conviction thereof, be punished by a fine of not less than ten nor more than fifty dollars for each and every such offense.

SEC. 2. That no person shall offer for sale within the cities of Washington or Georgetown any liquor used for drink, whether malt, vinous, or ardent, or the milk of cows or goats, intended to be used for food or drink, which has been adulterated with any poisonous or deleterious ingredient; and any person violating the provisions of this section, shall, upon conviction, be punished by a fine of not less than ten nor more than fifty dollars for each and every such offense.

SEC. 3. That no person shall convey into the cities of Washington or Georgetown, and offer for sale in any part of said cities, any animal or part of animal that may be sickly, diseased, or unwholesome, or which may have died from disease or accident, or any fish or vegetables not fresh, sound, and fit for food; and any person violating the provisions of this section shall, upon conviction thereof, be punished by a fine of not less than five nor more than twenty-five dollars for each and every such offense.

SEC. 4. That no person shall slaughter any cattle for the purpose of sale as food within the cities of Washington and Georgetown when such cattle are in a feverish or diseased condition; and any person violating the provisions of this section shall, upon conviction thereof, be punished by a fine of not less than five nor more than twenty-five dollars for each and every such offense.

SEC. 5. That no person, whether owner, manager, keeper of, agent, bartender, or clerk, in any saloon, restaurant, boarding house, or eating house, located within the cities of Washington or Georgetown, shall offer for sale as food or drink anything poisonous or unwholesome; and any person violating the provisions of this section shall, upon conviction thereof, be punished by a fine of not less than five nor more than twenty-five dollars for each and every such offense.

SEC. 6. That no person owning, renting, leasing, or occupying any stall, room, or stand where meats or vegetables are sold for food within the cities of Washington or Georgetown shall fail to keep said stall, room, or stand in a cleanly condition; nor shall such person allow said meats or vegetables to become poisoned, or infected, or unfit for food by reason of uncleanly condition of such stall, room, or stand; and any person violating the provisions of this section shall, upon conviction, be punished by a fine of not less than ten nor more than twenty-five dollars for each and every such offense.

SEC. 7. That no person shall offer for sale within the cities of Washington or Georgetown any unwholesome, watered, or adulterated milk, or swill milk, or milk from cows kept up and fed on garbage, swill, or other deleterious substance; nor shall any person offer for sale within said cities any butter or cheese made from such unwholesome milk; and any person violating the provisions of this section shall, upon conviction, be punished by a fine of not less than five nor more than twenty dollars for each and every such offense.

SEC. 8. That on and after the passage of this ordinance it shall be unlawful for any person or persons to sell or expose for sale within the cities of Washington and Georgetown any unsound, blown, or unwholesome meat or other article of food, under a penalty of not less than five nor more than twenty-five dollars for each and every such offense.

AN ORDINANCE to provide for the inspection of streets, food, live stock, fish and other marine products in the cities of Washington and Georgetown, and to define the duties of inspectors and other officers of the board of health.

*Be it ordained and enacted by the board of health of the District of Columbia, That there shall be appointed by the board of health a health officer and such inspectors as may be required, who shall be assigned to the several duties of inspection of streets, of food, of live stock, of fish and other marine products, or detailed for the performance of such other duties as may be necessary.*

SEC. 2. That it shall be the duty of the health officer, as he may be directed by this board, to execute or cause to be executed the ordinances, resolutions, and orders of the board, and generally, according to its instructions, to exercise a practical supervision in respect to inspectors, poundmasters, and the clerical force in his office; and said health officer shall devote his services to the aforesaid purposes as the board may direct.

SEC. 3. That it shall be the duty of each inspector of streets to visit every part of his district daily, and carefully inspect all streets, alleys, yards, and inclosures, horse and cow stables, privies, slaughterhouses, wharves, and every other place where offensive or deleterious matter may exist, and to report promptly to the health officer any and all nuisances injurious to health; and the inspectors of streets shall perform such other duties and special inspections as may be directed by the health officer.

SEC. 4. That it shall be the duty of each inspector of food to attend the market or markets within his inspection district every morning, at the time when sales commence, and carefully inspect all meats, fowl, game, and vegetables offered for sale, and condemn, seize, and cause to be removed such as may be diseased or from any other cause rendered unfit for food. He shall also visit, as early as practicable each day, every green grocery or other place within his district where articles of food are kept for sale, and perform his duty of inspection, condemnation, seizure, and removal as hereinbefore prescribed. He shall report his official proceedings daily to the health officer, and in the performance of his duties shall be under the direction of said officer; and the inspectors of food shall perform such other duties and special inspections as may be directed by the health officer.

SEC. 5. That it shall be the duty of the inspector of live stock to carefully inspect all cattle, hogs, sheep, or other animals intended to be killed and sold for consumption as food in the cities of Washington and Georgetown, and to condemn all such as may be diseased, or from any other cause rendered unfit for food; and it is hereby made the duty of said inspector to brand with the letter "C" all cattle, hogs, sheep, or other animals condemned as aforesaid, and said inspector shall report his official proceedings daily to the health officer.

SEC. 6. That it shall be the duty of the inspector of fish and other marine prod-

nets to examine and inspect all fish, oysters, clams, lobsters, and other marine products, landing by boat, arriving by rail, or otherwise brought by any person or persons into the cities of Washington and Georgetown; and if, upon such inspection, said inspector shall find any of the said marine products to be in an unsound, diseased, or unwholesome condition, it shall be his duty to prohibit their sale; and the said inspector of fish is hereby authorized, empowered, and directed to condemn, seize, and remove any unsound, diseased, or unwholesome fish, oysters, clams, lobsters, crabs, or other marine products which may be offered for sale as food within the cities of Washington and Georgetown.

Sec. 7. That in the performance of the duties herein prescribed the inspector of fish shall be, and is hereby, authorized and empowered to board all boats, vessels, steamboats, and cars, and to stop all vehicles believed by him to contain fish or other marine products, for the purpose of enforcing the provisions of this ordinance and said inspector shall report his official proceedings daily to the health officer.

Sec. 8. That upon any cattle, meat, birds, fowls, fish or other marine products, vegetables, or other articles of food being found by any inspector or other officer of the board of health in a condition which is, in his judgment, unwholesome and unfit for use as human food, or in a condition or of a quality forbidden by the ordinances of this board, but with respect to the quality and condition of which articles of food said inspector or other officer may be in doubt, he shall forbid the sale thereof, and order that the same be set aside, and shall at once notify the health officer of such action; and if, upon inspection, the health officer shall concur in the judgment of the inspector or other officer aforesaid, said health officer shall prohibit the sale and order the removal of said articles, according to the regulations of the board of health; and if the health officer shall not concur in the judgment of the inspector or other officer aforesaid, the sale of said articles shall be allowed. But if, upon inspection, the health officer is in doubt as to whether said articles should be condemned or not, then the committee on food inspections of the board of health shall decide whether or not said articles shall be condemned and the sale thereof forbidden: *Provided*, That no article of food in a decayed or offensive condition shall be allowed to remain where found, but the same shall be caused to be removed forthwith by the inspector or officer aforesaid, according to the rules and regulations of the board of health.

Sec. 9. That any person who shall molest, hinder, or in any manner prevent said health officer or any inspector appointed by this board from performing any duty imposed upon him or them by the provisions of this ordinance shall be punished by fine of not less than twenty nor more than one hundred dollars for each and every such offense.

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AN ORDINANCE to amend section 10 of the code so as to read:

Sec. 10. *And be it further ordained and enacted*, That drainpipes, soilpipes, or passages into sewers which are of inadequate and insufficient size, or which are not provided with proper sewer traps, within the District of Columbia, are hereby declared nuisances, injurious to health; and any person or persons, whether owner or tenant (board, department, or corporation officer), using or possessing any drainpipe, soilpipe, passage, or connection between any sewer and any ground, building, or place of business, who shall fail to make such drainpipe, soilpipe, passage, or connection of adequate or sufficient size to allow the free and entire passage of all that enters or should enter the same, and *provide them with proper sewer traps*; and who shall fail, after notice duly served upon him, to supply such pipes of adequate and sufficient size, and *provided with proper sewer traps*, shall be deemed guilty of keeping and maintaining a nuisance, and, upon conviction thereof, shall be punished by a fine of not less than five dollars nor more than ten dollars.

July 30, 1875.

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AN ORDINANCE to amend ordinance passed May 13, 1873, to read as follows:

Sec. 1. That all water-closets and privies connected with any house, building, or premises within the District of Columbia in and upon which people live, or where they do congregate or assemble, or any kind of business is done, kept in an uncleanly and foul condition, and from which offensive smells and noxious gases arise, and all water-closets located within and being a part of any such house or building not provided with proper sewer traps, so as to prevent the return and escape of noxious

gases and offensive odors from any public or private sewer connected therewith, are hereby declared to be nuisances, injurious to health; and any person creating, keeping, and maintaining such nuisance, after due notice served upon him by this board to abate the same within twenty-four hours or within such reasonable time as may be determined by this board, shall, upon conviction thereof, be punished by a fine of not less than five dollars nor more than twenty-five dollars for each and every day such nuisance is allowed to remain unabated.

July 30, 1875.

AN ORDINANCE to prevent committing or creating nuisances in or about public urinal or urinals located within the cities of Washington and Georgetown.

*Be it ordained and enacted by the board of health of the District of Columbia,* That fecal matter deposited in or about any public urinal or urinals located within the cities of Washington or Georgetown, defecating in or about said urinal or urinals, or obstructing the same in any manner or by any means whatever, are hereby declared to be nuisances, injurious to health, and any person convicted of committing or creating either of said nuisances shall be fined not less than ten dollars nor more than fifty dollars for every such offense.

December 28, 1876.

REGULATIONS to secure a full and correct record of vital statistics, including the registration of marriages, births, and deaths, the interment, disinterment, and removal of the dead in the District of Columbia.

First. It is hereby ordered by the board of health of the District of Columbia that there shall be elected or appointed from its members, as the board may direct, an officer named and known as the registrar of vital statistics of the District of Columbia, but who may be designated registrar, and who shall, under the direction of said board, keep a full and correct record of vital statistics, issue such permits as are hereinafter required, make and publish a weekly statement of births, marriages, and deaths in said District, and perform such other duties as are hereinafter provided.

Second. That it shall be the duty of every clergyman, magistrate, or other person who shall perform any marriage ceremony within the District of Columbia, to report each marriage ceremony solemnized by him to the registrar aforesaid, within forty-eight hours thereafter, giving the full name, age, color, occupation, birthplace (State or county), and legal residence of each person married, and the date of such marriage.

Third. That any physician, accoucheur, midwife, or other person in charge who shall attend, assist, or advise at the birth of any child within the District of Columbia, shall report to the registrar aforesaid, within six days thereafter, stating distinctly the date of birth, sex, and color of the child or children born, its or their physical condition, whether stillborn or not, the full name, nativity, and residence of the parents, and maiden name of the mother of such child or children.

Fourth. That whenever any person shall die within the District of Columbia it shall be the duty of the physician attending such person during his or her last sickness, or of the coroner of the District when the case comes under his official notice, to furnish and deliver to the undertaker, or other person superintending the burial of said deceased person, a certificate, duly signed, setting forth, as far as the same may be ascertained, the name, age, color, sex, nativity (giving State or country), occupation, whether married or single, duration of residence in the District of Columbia, cause, date, and place of death (giving street and number), and duration of last sickness of such deceased person. And it shall be the duty of the undersaid certificate the date and place of burial, and having signed the same, to forward it to the registrar aforesaid within twenty-four hours after such death: *Provided*, That in case of death from any infectious or contagious disease said certificate shall be so made and forwarded within eight hours thereafter.

Fifth. That no interment or disinterment of the dead body of any human being, or disposition thereof in any tomb, vault, or cemetery shall be made within the District of Columbia without a permit therefor, granted by the board of health of said District, nor otherwise than in accordance therewith. And no sexton or other person shall assist in, or assent to, or allow any such interment or disinterment to be made until such permit has been given as aforesaid; and it shall be the duty of every sexton or other person having charge of any burying ground, cemetery, tomb,

or vault, as aforesaid, who shall receive any such permit, to preserve and return the same to the registrar aforesaid before 6 o'clock p. m. of the Saturday following the day of burial; and no sexton, undertaker, or other person shall bury, or cause to be buried, the body of any deceased person within the District of Columbia except in such grounds as are now known and used as burial grounds, or such as shall hereafter be by law designated and authorized to be used as such.

Sixth. That no dead body or part of the dead body of any human being shall be in any manner carried or conveyed from, in, to, or through the District of Columbia by any person, or by means of any boat, vessel, car, stage, or other vehicle, or by public or private conveyance, without a permit therefor first granted by the board of health of said District; and when the remains of any deceased person are to be conveyed, transferred, or removed beyond the limits of the District of Columbia, it shall be the duty of the person, or agent, or officer of the corporation having charge of the conveyance, transfer, or removal, to detach, sign, and return the coupon attached to said permit to the registrar of vital statistics of the board of health aforesaid before 5 o'clock p. m. of the Saturday following the conveyance, transfer, or removal of said remains: *Provided*, That the same effect may be given by said board to a burial or transit permit issued by the proper authority of any other place or jurisdiction, when the death of the person named in the permit shall have occurred within such place or jurisdiction.

Seventh. That whenever a permit for burial is applied for in case of death without the attendance of a physician, or if it be impossible to obtain a physician's certificate, it shall be the duty of the health officer to investigate the cause and circumstances of such death, to make and sign the certificate required by section 4 of these regulations, and if not satisfied as to the cause and circumstances of such death he shall so report to the board of health, who shall refer the case to the coroner of the District for investigation and report, and said coroner is hereby required to make such investigation and report.

Eighth. That it shall be the duty of every physician, accoucheur, midwife,<sup>1</sup> undertaker, sexton or superintendent of any cemetery, or other person having charge of the same, practicing medicine or doing business within the District of Columbia, to register his or her name in a book or books to be provided for such purpose, at the office of the board of health of said District, giving full name, residence, and place of business, and in case of removal from one place to another in said District to make change in said register accordingly.

Ninth. That any person who shall violate, or aid and abet in violating, any of the provisions of the foregoing regulations, shall, upon conviction thereof by competent judicial authority, be punished by a fine of not less than twenty-five nor more than two hundred dollars for each and every such offense.

Tenth. That all rules, regulations, and ordinances heretofore passed by this board inconsistent with the provisions of these regulations be, and the same are hereby, repealed.

Eleventh. That these regulations shall take effect and be in force on and after the first day of August, A. D. 1874.

DISTRICT OF COLUMBIA, BOARD OF HEALTH,  
Washington, August 28, 1874.

First. It is hereby ordered that physicians required to register their names under the eighth regulation of the board, to secure a full and correct record of vital statistics, do so upon a license received from some chartered medical society or upon a diploma received from some medical school or institution.<sup>1</sup>

Second. That the expression "physical condition," as employed in the statute heretofore enacted by the legislative assembly of the District, and incorporated in the third regulation, be defined as follows: "*The general physical condition,*" whether healthy or unhealthy. But in no case will the board require in the enforcement of this rule that sick-bed or confidential communications made to physicians be revealed in the report required by this third regulation.

Third. That on and after the fifteenth day of next month, by which time all physicians of the city may have registered according to the requirements of the board, the regulation with regard to penalties be rigidly enforced; and that up to that date the regulation with regard thereto, as far as any violations thereof have occurred, and as far as this board is concerned, as prosecutors, the same be not enforced.<sup>1</sup>

<sup>1</sup> See "An act to regulate the practice of medicine, etc.," approved June 3, 1896, page 96.

Extract from "An act for the establishment of the Bureau of Animal Industry."

[1 Sup. R. S., 24 ed., 437.]

SEC. 8. That whenever any contagious, infectious, or communicable disease affecting domestic animals, and especially the disease known as pleuro-pneumonia, shall be brought into or shall break out in the District of Columbia, it shall be the duty of the Commissioners of said District to take measures to suppress the same promptly and to prevent the same from spreading; and for this purpose the said Commissioners are hereby empowered to order and require that any premises, farm, or farms where such disease exists, or has existed, be put in quarantine; to order all or any animals coming into the District to be detained at any place or places for the purpose of inspection and examination; to prescribe regulations for and to require the destruction of animals affected with contagious, infectious, or communicable disease, and for the proper disposition of their hides and carcasses; to prescribe regulations for disinfection, and such other regulations as they may deem necessary to prevent infection or contagion being communicated, and shall report to the Commissioner of Agriculture whatever they may do in pursuance of the provisions of this section.

Approved May 29, 1884.

AN ACT to prevent the manufacture or sale of adulterated food or drugs in the District of Columbia.

[1 Sup. R. S., 2d ed., 627.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That no person within the District of Columbia shall mix, color, stain, or powder, or order or permit any other person to mix, color, stain, or powder, any article of food or drugs with any ingredient or material so as to render the article injurious to health, or manufacture any article of food which shall be composed in whole or in part of diseased, decomposed, offensive, or unclean animal or vegetable substance with the intent that the same may be sold in the said District, and no person shall sell in the District of Columbia any such article so mixed, colored, stained, powdered, or manufactured. Any person violating this section shall be guilty of a misdemeanor, and for each offense be fined not exceeding two hundred dollars for the first offense, and for each subsequent offense not exceeding three hundred dollars, or imprisonment not exceeding one year, or both, in the discretion of the court.

SEC. 2. That no person shall, within the District of Columbia, except for the purpose of compounding as hereinafter described, mix, color, stain, or powder, or order or permit any other person to mix, color, stain, or powder, any drug with any ingredient or material so as to affect injuriously the quality or potency of such drug, with intent that the same may be sold in the said District of Columbia, and no person shall sell any such drug so mixed, colored, stained, or powdered under the same penalty in each case respectively as in the preceding section for a first and subsequent offense.

SEC. 3. That no person shall be liable to be convicted under either of the two last foregoing sections of this act in respect of the sale of any article of food, or of any drug, if he shows to the satisfaction of the court before whom he is charged that he did not know of the article of food or drug sold by him being so mixed, colored, stained, or powdered, as in either of those sections mentioned, and that he could not, with reasonable diligence, have obtained that knowledge.

SEC. 4. That no person shall sell in the District of Columbia any article of food or drug which is not of the nature, substance, and quality of the article demanded by any purchaser, and any person violating this section shall be guilty of a misdemeanor, and for the first offense be fined not exceeding fifty dollars, and for each subsequent offense not exceeding one hundred dollars, or imprisonment not exceeding six months, or both, in the discretion of the court: *Provided*, That an offense shall not be deemed to be committed under this section in the following cases, that is to say:

First. Where any matter or ingredient not injurious to health has been added to the food or drug because the same is required for the production or preparation thereof as an article of commerce, in a state fit for carriage or consumption, and not fraudulently to increase the bulk, weight, or measure of the food or drug, or conceal the inferior quality thereof.

Second. Where the drug or food is a proprietary medicine.

Third. Where the food or drug is compounded as authorized by this act.

Fourth. Where the food or drug is unavoidably mixed with some extraneous matter in the process of collection or preparation.

SEC. 5. That no person shall sell in the District of Columbia any compound article of food or compounded drug which is not composed of ingredients in accordance with the demand of the purchaser. Any person violating this section shall be guilty of a misdemeanor and fined not exceeding fifty dollars: *Provided*, That no person shall be guilty of any such offense as aforesaid in respect of the sale of an article of food or a drug mixed with any matter or ingredient not injurious to health, and not intended, fraudulently, to increase its bulk, weight, or measure, or conceal its inferior quality, if at the time of delivering such article or drug he shall supply to the person receiving the same a notice, by a label, distinctly and legibly written or printed on or with the article or drug, to the effect that the same is mixed.

SEC. 6. That no person shall, in the District of Columbia, with the intent that the same may be sold in its altered state without notice, subtract from any article of food any part of it so as to affect injuriously its quality, substance, or nature, and no person shall sell any article so altered without making disclosure of the alteration, and any person violating the provisions of this section shall be guilty of a misdemeanor and fined not exceeding one hundred dollars.

SEC. 7. That in any prosecution under this act, where the fact of an article having been sold in a mixed state has been proved, if the defendant shall desire to rely upon proviso contained in this act, it shall be incumbent upon him to prove the same.

SEC. 8. That if the defendant in any prosecution under this act prove to the satisfaction of the court that he had purchased the article in question as the same in nature, substance, and quality as that demanded of him by the purchaser, and with a written warranty to that effect; that he had no reason to believe at the time when he sold it that the article was otherwise; and that he sold it in the same state as when he purchased it, he shall be discharged from the prosecution.

SEC. 9. That any person who shall forge, or shall alter knowing it to be forged, any certificate or any writing purporting to contain a warranty, as provided in section eight of this act, shall be guilty of a misdemeanor and be punishable, on conviction, by imprisonment for a term not exceeding one year with hard labor.

SEC. 10. That every person who shall willfully apply to any article of food or a drug a certificate or warranty given in relation to any other article or drug, or who shall give a false warranty in writing to any purchaser in respect of an article of food or a drug sold by him as principal or agent, or who shall willfully give a label with any article sold by him which shall falsely describe the article sold, shall be guilty of a misdemeanor, and on conviction be fined not to exceed one hundred dollars.

SEC. 11. That the analysis provided for in this act shall be under the control of the Commissioner or Internal Revenue under such rules and regulations as may be prescribed by the Secretary of the Treasury.

SEC. 12. That any purchaser of an article of food or of a drug in the said District shall be entitled to have such article analyzed by such analyst, and to receive from him a certificate of the result of his analysis. And any health officer, inspector of nuisances, or any food inspector may procure any sample of food or drug, and if he suspects the same to have been sold to him contrary to any provision of this act, he shall submit the same to the Commissioner of Internal Revenue to be analyzed, who shall with all convenient speed cause such analysis to be made and give a certificate to such officer, wherein he shall specify the result of the analysis.

SEC. 13. That if any officer mentioned in section twelve of this act shall apply to purchase any article of food or any drug exposed to sale or on sale by retail on any premises or in any shop or store, and shall tender the price for the quantity which he shall require for the purpose of analysis, not being more than shall be reasonably requisite, and the person exposing the same for sale shall refuse to sell the same to such officer, such person shall be guilty of a misdemeanor and fined for each offense not exceeding fifty dollars.

SEC. 14. That the term "food," as used in this act, shall include every article used for food or drink by man other than drugs or water. The term "drug," as used in this act, shall include all medicines for internal or external use.

SEC. 15. That nothing in this act shall be construed as modifying or repealing the provisions of chapter eight hundred and forty of the acts of the first session of the Forty-ninth Congress, entitled "An act defining butter; also imposing a tax upon and regulating the manufacture, sale, importation, and exportation of oleomargarine," approved August sixth,<sup>1</sup> eighteen hundred and eighty-six.

SEC. 16. That the Commissioner of Internal Revenue may from time to time declare certain articles or preparations to be exempt from the provisions of this act; and it shall be the duty of the Commissioners of the District to prepare and publish

<sup>1</sup>So in original. Act was approved August second, 1886.

from time to time a list of the articles, mixtures, or compounds declared to be exempt from the provisions of this act, in accordance with this section.

Approved October 12, 1888.

AN ACT to prevent the spread of scarlet fever and diphtheria in the District of Columbia.

[1 Sup. R. S., 885.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That from and after the passage of this act it shall be the duty of every registered practicing physician or other person prescribing for the sick in the District of Columbia to make report to the health officer, on forms to be furnished by that officer, immediately after such practitioner becomes aware of the existence of any case of scarlet fever or diphtheria in his charge; and in case such person shall fail to so report within twenty-four hours he shall be subject to a penalty of not less than five nor more than fifty dollars, and in case of a second offense the penalty shall not be less than ten nor more than one hundred dollars. In case no physician shall be in charge of such patient, the householder where such case occurred, or person in charge thereof, the parent, guardian, nurse, or other person in attendance upon the sick person knowing the character of the disease shall make the report above mentioned, and in case of failure to report shall suffer the same penalties as provided for physicians in this act.

SEC. 2. That it shall be the duty of the health officer coöperating with the attending physician to cause a suitable placard, flag, or warning sign to be displayed from the front of the premises or apartment where any one case of scarlet fever or diphtheria is present. It shall be unlawful for any person to remove such placard, sign, or warning flag when so placed without permission of the health officer. And it shall be the duty of the said health officer, in conjunction with the attending physician, to cause the premises to be properly disinfected, and to issue the necessary instructions for the isolation of the patient.

SEC. 3. That no person shall visit or attend any public or private school, or place of public assemblage, or appear on the public streets or in the parks while affected with scarlet fever or diphtheria, and any adult person, parent, or guardian of a minor convicted of having knowingly violated the provisions of this act shall, upon conviction, forfeit and pay a sum not less than five nor more than fifty dollars; and it shall be the duty of physicians while in attendance upon cases of scarlet fever and diphtheria to exercise such reasonable precautions to prevent the spread of the said diseases as may be prescribed by the health officer of the District of Columbia in regulations.

SEC. 4. That no person who has convalesced from diphtheria or scarlet fever shall be allowed to attend any public or private school, seminary, or college until the attending physician shall have furnished a certificate that said patient has completely recovered, and that there is no danger of infection to other persons. All persons who shall, after convalescing from diphtheria or scarlet fever, visit schools, seminaries, or colleges without providing themselves with such certificates, shall suffer the penalties provided for in section 1 of this act.

SEC. 5. That the provisions of this act shall apply to every ship, vessel, steamer, boat, or craft lying or being in the rivers, harbors, or other waters within the jurisdiction of said District, and to every tent, van, shed, hovel, barn, outhouse, cabin, or other like place, as if the same were an ordinary dwelling.

SEC. 6. That the word "regulations," as herein used, shall be held to mean also rules, orders, and amendments. The words "person in charge thereof" shall be held to mean the owner, his agent or factor; the tenant, his clerk or representative; the nurse, or any one or more persons who by reason of their position are charged with the management or care of the premises, or interested in the person afflicted. The words "practitioner of medicine," or "practitioner," shall be held to include all persons who undertake to treat persons afflicted, either gratuitously or for pay.

SEC. 7. That any person who shall knowingly make, sign, or deliver any false report or certificate herein provided for, upon conviction thereof in the police court of said District, shall be fined not less than five nor more than fifty dollars, and, in default of payment thereof, be committed to jail for not less than one nor more than twenty days.

SEC. 8. That the expenses necessarily incurred in the execution of the provisions of this act shall be borne from the general appropriation for the maintenance of the health department of the District of Columbia. And the jurisdiction of civil and



criminal procedure in the enforcement of this act is hereby vested in the police court of the said District, with the same right of appeal as in other civil and criminal trials in said District.

Approved December 20, 1890.

JOINT RESOLUTION to regulate licenses to proprietors of theaters in the city of Washington, District of Columbia, and for other purposes.

[2 Sup. R. S., 71.]

*Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,* That all licenses issued by the Commissioners of the District of Columbia to proprietors of theaters or other public places of amusement in the city of Washington, District of Columbia, and now in force be and the same are hereby terminated, unless the persons holding such licenses shall within ten days after due notice comply with such regulations as may be prescribed for the public safety by the Commissioners of the District of Columbia.

SEC. 2. That the Commissioners of the District of Columbia are hereby authorized and empowered to make and enforce all such reasonable and usual police regulations in addition to those already made under the act of January twenty-sixth, eighteen hundred and eighty-seven, as they may deem necessary for the protection of lives, limbs, health, comfort, and quiet of all persons and the protection of all property within the District of Columbia.

Approved February 26, 1892.

AN ACT for the regulation of the practice of dentistry in the District of Columbia, and for the protection of the people from empiricism in relation thereto.

[2 Sup. R. S., 24.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That it shall be unlawful for any person to practice dentistry in the District of Columbia unless such person shall register with the health officer in compliance with the requirements hereinafter provided.

SEC. 2. That a board to carry out the purposes of this act is hereby created, to be known as the board of dental examiners, to consist of five reputable dentists resident of and for three years last before appointment actively engaged in the practice of dentistry in the District of Columbia, to be appointed by the Commissioners of said District for terms of five years and until their successors are appointed: *Provided,* That the first five appointments shall be made for terms of one, two, three, four, and five years, respectively. A majority of said board shall constitute a quorum. Vacancies occurring in said board shall be filled by appointment of eligible persons for unexpired terms.

SEC. 3. That it shall be the duty of the board of dental examiners, first, to organize by electing one of their number president and one secretary, to provide necessary books and blank forms, and publicly announce the requirements of this act and the time, place, and means of complying with its provisions within thirty days from its passage; second, to promptly certify to the health officer for registration all who are engaged in the practice of dentistry in said District at the time of passage of this act who apply therefor; third, to test the fitness and pass upon the qualification of persons desiring to commence the practice of dentistry in said District after the passage of this act and certify to the health officer for registration such as prove, under examination in theory and practice of dentistry, qualified in the judgment of the board to practice dentistry in said District; fourth, to report immediately information of any violation of this act, and, annually, the transactions of the board to the Commissioners of the District of Columbia: *Provided,* That all graduates of dental colleges which require a three years' course of study shall be entitled to certificates upon payment of the certification fee and without examination as to their qualifications.

SEC. 4. That it shall be the duty of every person practicing dentistry in said District at the time of the passage of this act to make application to said board, in form prescribed by said board, for certification, and present the certificates thus obtained for registration to the health officer within sixty days from the passage of this act. Every such person so registering may continue to practice without incurring the penalties of this act.

SEC. 5. That persons desiring to commence the practice of dentistry in said District after the passage of this act shall first obtain a certificate of qualification from the board of dental examiners, granted under authority conferred upon said board by section three of this act, and present the same to the health officer for registration.

SEC. 6. That it shall be the duty of the health officer to register all persons presenting certificates from said board in a book kept for this purpose, and indorse upon each certificate the fact and date of such registration.

SEC. 7. That certificates issued and indorsed under the provisions of this act shall be evidence of the right of the person to whom granted to practice under this act.

SEC. 8. That anyone who shall practice or attempt to practice dentistry in the said District without having complied with the provisions of this act shall be deemed guilty of a misdemeanor, and, upon conviction thereof, shall be fined not less than fifty nor more than two hundred dollars, and in default of payment of such fine shall be imprisoned not less than thirty nor more than ninety days, said fines, when collected, to be paid into the Treasury of the United States, to the credit of the District of Columbia: *Provided*, That nothing in this act shall be construed to interfere with physicians in the discharge of their professional duties, nor with students pursuing a regular uninterrupted dental college course or in bona fide pupilage with a registered dentist.

SEC. 9. That to provide a fund to carry out and enforce the provisions of this act the board of dental examiners may charge such fees, not exceeding one dollar for each certificate and ten dollars for each examination, as will from time to time, in the opinion of said board, approved by said Commissioners, be necessary. From such fund all expenses shall be paid by the board: *Provided*, That such expense shall in no case exceed the balance of receipts.

Approved June 6, 1892.

[Extract from An Act making appropriations to provide for the expenses of the government of the District of Columbia, etc.]

[2 Sup. R. S., 36.]

That hereafter the police shall, as far as practicable, aid in the enforcement of the garbage regulations.

Approved July 14, 1892.

AN ACT regulating the construction of buildings along alleyways in the District of Columbia.

[2 Sup. R. S., 12.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That from and after the passage of this act it shall be unlawful to erect or place a dwelling house on or along any alley in the District of Columbia where such alley is less than thirty feet wide and is not supplied with sewerage, water mains, and light: *Provided*, That no dwelling house hereafter erected or placed in any alley shall in any case be located less than twenty feet back clear of the center line of such alley, so as to give at least a thirty-foot roadway and five feet on each side of such roadway clear for a walk or footway, and that it shall be unlawful to erect or place a dwelling house on or along any alley which does not run straight to, and open at right angles upon, one of the public streets bordering the square in which such alley is located, with at least one exit fifteen feet in the clear.

SEC. 2. All acts and parts of acts inconsistent with the provisions of this act are hereby repealed.

Approved July 22, 1892.

[Extract from An Act to provide for the opening of alleys in the District of Columbia.]

[2 Sup. R. S., 42.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the Commissioners of the District of Columbia be, and they are hereby, authorized to condemn, open, extend, widen, or straighten alleys in the District of Columbia upon the presentation to them of the plat of the alley to be condemned, opened, widened, extended, or straightened, accompanied by a peti-

tion of the owners of more than one-half of the real estate in the square in which such alley is sought to be opened, widened, extended, or straightened, or when the Commissioners of the District of Columbia shall certify that the preservation of peace, good order, and public morals require that any such alley should be opened, extended, widened, or straightened, or when the health officer of said District shall certify that such opening, extension, widening, or straightening of an alley is necessary for the public health.

Approved July 22, 1892.

[Extract from An Act making appropriations to provide for the expenses of the government of the District of Columbia, etc.]

[2 Sup. R. S., 231.]

That the ordinances of the late board of health of the District of Columbia, as legalized by joint resolution of Congress, approved April twenty-fourth, eighteen hundred and eighty, be, and the same are hereby, declared to have the same force and effect within the District of Columbia as if enacted by Congress in the first instance, and that the powers and duties imposed upon the late board of health, in and by the said ordinances, are hereby conferred upon the health officer of said District, and that all prosecutions for violations of said ordinances and regulations shall be in the police court of the District of Columbia in the name of the said District: *Provided*, That said regulations shall not be enforced against established industries which are not a nuisance in fact.

Approved August 7, 1894.

AN ACT for the promotion of anatomical science, and to prevent the desecration of graves in the District of Columbia.

[2 Sup. R. S., 388.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That any public officer or officers, whether directors, trustees, superintendents, wardens, keepers, or managers, having lawful charge of or control over any hospital, prison, jail, or morgue, within the District of Columbia, may, with the approval of the health officer of said District, deliver to the duly authorized agent of any medical college or colleges in the District of Columbia, the bodies of such deceased persons as are required to be buried at the public expense, said bodies to be distributed among the several colleges in proportion to the number of students in each: *Provided, however*, That if the deceased person, during his last illness, requested to be buried, or if within forty-eight hours, after his death any person claiming to be, and satisfying the health officer that he is, a relative by blood or marriage, or friend of the deceased, asks to have the body buried, or if such deceased person was a stranger or traveler who suddenly died, the body shall not be so delivered, but shall be buried.

SEC. 2. That before the bodies of such deceased persons as are mentioned in the first section shall be delivered to the authorized agents of any medical college in the District of Columbia notice shall be given, by the person or persons having lawful charge of said bodies, to the relative or friend of the deceased, if known; if not known, the death of the deceased shall be published at least once in a daily newspaper published in the city of Washington, in the District of Columbia, in which publication the full name of the deceased person shall, if possible, be given, and if such name be not known, a description of the person and apparel of the deceased, with information of the place where they may be seen, the expenses of such publication to be paid as other expenses of the District of Columbia are paid: *Provided*, That the persons named in the first section shall not deliver the body of the deceased, as provided in this act, until at least thirty-six hours shall have elapsed since the death of said deceased and giving of said notice or the publication of the same.

SEC. 3. That every person who shall have been duly authorized by the faculty of any medical college in the District of Columbia to receive such dead bodies shall, before receiving them, give to the health officer of said District a bond in the sum of two hundred dollars, with surety satisfactory to said health officer, and conditioned that each dead body shall be used only for the promotion of anatomical and surgical knowledge within the said District of Columbia, and that after having been so used the remains thereof shall be decently buried; and whosoever shall use such

body or bodies for any purpose other than that aforesaid, or shall remove the same beyond the limits of the District of Columbia, and whosoever shall sell or buy such body or bodies, or in any way traffic in the same, or who shall disturb or remove bodies from graves in which they have been buried, or who shall disregard the expressed wishes of the deceased, or of his or her friends, where such wishes may be disclosed, as provided for in section one of this act, shall be deemed guilty of a misdemeanor, and shall, on conviction, be imprisoned for a term not less than two nor more than three years, at hard labor, in the jail of said District.

Approved February 26, 1895.

Extract from "An Act making appropriations to provide for the expenses of the government of the District of Columbia," etc.

[2 Sup. R. S., 412.]

And said Commissioners are hereby authorized to make necessary regulations for the collection and disposition of garbage in the District of Columbia, and to annex to said regulations such penalties as will secure the enforcement thereof: *Provided*, That hereafter no other building for use as a public or private hospital for contagious diseases shall be erected in the District of Columbia within three hundred feet of any building owned by a private individual or any other party than the one erecting the building. All private hospitals in the District of Columbia shall be required to secure a permit from the Commissioners of the District of Columbia, and said hospitals shall be at all times subject to inspection by the health officer of said District or his deputy, and any person or persons refusing to permit such inspection shall each be subject to a fine of not less than fifty dollars nor more than two hundred dollars for each of such refusals.

Approved March 2, 1895.

AN ACT to regulate the sale of milk in the District of Columbia, and for other purposes.

[2 Sup. R. S., 401.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That from and after the passage of this act no person shall, within the District of Columbia, keep or maintain a dairy or dairy farm without a permit so to do from the health officer of said District; application for said permit shall be made in writing, upon a form prescribed by said health officer: *Provided*, That no applicant for said permit shall be restrained from conducting business until said application has been acted upon by the health officer of the District of Columbia or his duly appointed agent. It shall be the duty of said health officer, upon receipt of said application in due form, to make or cause to be made an examination of the premises which it is intended to use in the maintenance of said dairy or dairy farm; if after such examination said premises are found to conform to the regulations governing dairies and dairy farms within the District of Columbia, said health officer shall issue the permit hereinbefore specified, without charge: *Provided*, That said permit may be suspended or revoked at any time, without notice, by said health officer whenever the milk supply from said dairy or dairy farm is exposed to infection by Asiatic cholera, anthrax, diphtheria, erysipelas, scarlet fever, smallpox, splenic fever, tuberculosis, typhoid fever, typhus fever, or yellow fever, so as to render its distribution dangerous to public health.

Sec. 2. That no person shall bring or send into the District of Columbia for sale any milk without a permit so to do from the health officer of said District; application for said permit shall be made in writing, upon a form prescribed by said health officer, and shall be accompanied by such detailed description of the dairy farm or dairy where said milk is produced or stored as said health officer may require, and by a sworn statement as to the physical condition of the cattle supplying said milk: *Provided*, That no applicant for said permit shall be restrained from conducting business until said application has been acted upon by the health officer of the District of Columbia or his duly appointed agent. If after examination of said District of Columbia for sale or consumption without danger to public health, he shall issue, without charge to the applicant, a permit so to do, on condition that none but pure and unadulterated milk shall be, with knowledge of its impurity, brought into said District; that in the management of said dairy or dairy farm said applicant

shall be governed by the regulations of the health office of the District of Columbia, approved by the Commissioners of the District of Columbia, issued for dairies and dairy farms in said District, when said regulations do not conflict with the law of the state in which said dairy or dairy farm is located, and that said dairy or dairy farm may be inspected at any time without notice by the health officer of the District of Columbia or his duly appointed representative: *Provided*, That said permit may be suspended or revoked at any time without notice by said health officer whenever the milk supply from said dairy or dairy farm is exposed to infection by Asiatic cholera, anthrax, diphtheria, erysipelas, scarlet fever, smallpox, splenic fever, tuberculosis, typhoid fever, typhus fever, or yellow fever, so as to render its distribution dangerous to public health.

SEC. 3. That no person suffering from, or who has knowingly, within a period specified by the health officer of the District of Columbia, been exposed to diphtheria, scarlet fever, erysipelas, smallpox, anthrax, or other dangerous contagious disease, shall work or assist in or about any dairy or dairy farm; no proprietor, manager, or superintendent of any dairy or dairy farm within the District of Columbia shall knowingly permit any person suffering, or exposed as aforesaid, to work or assist in or about said dairy or dairy farm.

SEC. 4. That all milk wagons shall have the name of the owner, the number of permit, and the location of dairy from which said wagons haul milk, painted thereon plainly and legibly.

SEC. 5. That all grocers, bakers, and other persons having or offering for sale milk shall at all times keep the name or names of the dairymen from whom the milk on sale shall have been obtained posted up in a conspicuous place wherever such milk may be sold or kept for sale.

SEC. 6. That no person shall offer or have for sale in the District of Columbia any unwholesome, watered, or adulterated milk, or milk known as swill milk, or milk from cows that are fed on swill, garbage, or other like substance, nor any butter or cheese made from any such milk.

SEC. 7. That no person shall knowingly offer or have for sale any milk containing more than eighty-eight per cent of watery fluid and less than twelve per cent of total milk solids, of which at least three per cent shall be of fat.

SEC. 8. That no person shall sell, exchange, or deliver, or have in his custody or possession with intent to sell, exchange, or deliver, skimmed milk containing less than nine and three-tenths per cent of milk solids, inclusive of fat.

SEC. 9. That no dealer in milk, and no servant or agent of such a dealer, shall sell, exchange, or deliver, or have in his custody or possession with intent to sell, exchange, or deliver, milk from which the cream, or any part thereof, has been removed, unless in a conspicuous place, above the center or upon the outside of every vessel, can, or package thereof, in which milk is sold, the words "skimmed milk" are distinctly marked in gothic letters, not less than one inch in length.

SEC. 10. That it shall not be lawful for any person or persons to sell or offer for sale, within the District of Columbia, milk taken from any cow less than fifteen days before or ten days after parturition, or from any cow which is known to be suffering from tuberculosis, splenic fever, anthrax, or any general or local disease which is liable to render the milk from said cow unwholesome.

SEC. 11. That it shall be the duty of the health officer of the District of Columbia, under direction of the Commissioners of said District, to make and enforce regulations to secure proper water supply, drainage, ventilation, air space, floor space, and cleaning of all dairies and dairy farms within said district; to secure the isolation of cattle suffering from any contagious disease, and to carry into effect the provisions of this act.<sup>1</sup>

SEC. 12. That the health officer of the District of Columbia, or his duly appointed assistants, shall have the right to enter without previous notice, for the purpose of inspection, any dairy or dairy farm within said District.

SEC. 13. That in all cases of sampling, in the District of Columbia, milk taken for analysis shall be taken, examined, and analyzed in the presence of at least two witnesses, one of whom may be the owner of the milk or his agent; and in all cases such sampling shall be made according to the Babcock method, to wit, dumping the milk from one can to another not less than twice before sampling.

SEC. 14. That prosecutions under this act shall be in the police court of said District, on information signed by the attorney of the District or one of his assistants, and any person or persons violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and shall, on conviction, be punished for the first offense by a fine of not less than five dollars nor more than twenty-five dollars, to be col-

<sup>1</sup> See page 118.

lected as other fines and penalties, or by imprisonment in the workhouse for a period of not more than thirty days, and for the second offense and each subsequent offense, by a fine of not less than fifty dollars nor more than one hundred dollars, or by imprisonment in the workhouse for ninety days, or by both such fine and imprisonment, in the discretion of the court, and if the person so convicted of a second or subsequent offense hold a permit under this act, the same shall be canceled and no permit shall be issued to said person for a period of six months: *Provided*, That any person or persons under this act shall have the privilege, when demanded, of a trial by jury as in other jury cases in the police court.

Sec. 15. That all laws and parts of laws inconsistent with the foregoing be, and the same are hereby, repealed.

Approved March 2, 1895.

AN ACT to provide for the incorporation and regulation of medical and dental colleges in the District of Columbia.

[29 Stat., 112.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That it shall be unlawful for any medical or dental college claiming the authority to confer, or actually conferring, the degree of doctor of medicine, or doctor of dental surgery, not incorporated by a special act of Congress, to conduct its business in the District of Columbia, unless such college shall be registered by the Commissioners of the District of Columbia and granted by them a written permit to commence or continue business in said District in compliance with the requirements of this act.

Sec. 2. That it shall be the duty of the proper officers of any such college, before commencing or continuing business, to apply to the said Commissioners for registration and a permit to commence or continue business; and said Commissioners are hereby authorized and required to make such regulations concerning the form of such application, the evidence to be adduced in support thereof, and the method of taking such evidence as they may deem best, and shall have power, and it shall be their duty, to give public notice of all hearings upon such applications; and no registration and permit shall be granted until after the Commissioners shall have, by the inquiry and hearing hereinbefore provided for and such other inquiry as they may see fit to make, satisfied themselves that all such medical or dental colleges are fully equipped, both by the character and fitness of the faculty and the sufficiency of their appliances, to give suitable and sufficient instruction in the theory and practice of medicine or dental surgery.

Sec. 3. That it shall be the duty of the proper officers of every medical or dental college, not incorporated by a special act of Congress, which is now doing business in said District to apply for such certificate and registration within thirty days of the passage of this act; and no such college hereafter sought to be opened in said District shall commence business without first obtaining such registration and permit.

Sec. 4. That such of the officers and of the faculty of any such medical or dental college now in existence, and of every such college hereafter sought to be opened in said District, which shall continue or commence to offer instruction in such capacity without first obtaining registration and permit, as hereinbefore provided, shall be deemed guilty of a misdemeanor, and upon conviction thereof in the police court of said District, upon an information similar to that filed in the case of violations of the police regulations made by the said Commissioners, shall be fined not less than twenty-five nor more than two hundred and fifty dollars, and in default of payment thereof shall be imprisoned in the common jail of said District not less than thirty nor more than ninety days; said fines when collected to be paid into the Treasury of the United States to the credit of the District of Columbia.

Sec. 5. That in any case when such action shall be necessary in the opinion of the said Commissioners to give full effect to the intent of this act they shall have power, and it shall be their duty, to file in the supreme court of the District of Columbia, in the name of said District, a bill in equity against the proper parties praying an injunction against the opening or continuance of any such college not registered and granted a permit as aforesaid; and jurisdiction is hereby conferred upon such court to hear and determine such causes.

Sec. 6. That all acts and parts of acts and all charters heretofore obtained by any medical or dental college under the general incorporation laws in force in said District, so far as inconsistent with this act, are hereby repealed.

Approved, May 4, 1896.

AN ACT to provide for the drainage of lots in the District of Columbia.

[29 Stats., 125.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That each original lot or subdivisional lot situated on any street in the District of Columbia where there is a public sewer shall be connected with said sewer in such manner that any and all of the drainage of such lot, whether water or liquid refuse of any kind, except human urine and fecal matter, shall flow into said sewer; and if such original lot or subdivisional lot is situated on any street in said District where there is a public sewer and water main, such original lot or subdivisional lot shall be connected with said sewer and also with said water main in such manner that any and all of the drainage of such lot, whether water or liquid refuse of any kind, shall flow into said sewer: *Provided*, That the connections required to be made by this act shall be made under the following conditions: When there is on any such original lot or subdivisional lot aforesaid any building used or intended to be used as a dwelling, or in which persons are employed or intended to be employed in any manufacture, trade, or business, or any stable, shed, pen, or place where cows, horses, calves, or other animals are kept, then, and in that instance, such original lot or subdivisional lot shall be connected with a public sewer and water main or with a public sewer, as may be required with this act; and whenever there is no such building, stable, shed, pen, or place, as aforesaid, on such original lot or subdivisional lot, then such lot shall be required to be connected with a public sewer only when it has been certified by the health officer of said District that such connection is necessary to public health.

SEC. 2. That it shall be the duty of the Commissioners of said District to notify the owner or owners of every lot required by this act to be connected with a public sewer or water main, as the case may be, to so connect such lot, the work to be done in accordance with the regulations governing plumbing and house drainage in said District.

SEC. 3. That if the owner or owners of any such lot neglect or refuse to make such connections as are required by this act within thirty days after the receipt of such notice, such owner or owners shall be deemed guilty of a misdemeanor, and shall, on conviction in the police court of said District, be punished by a fine of not less than one dollar nor more than five dollars for each day he, she, or they fail or neglect to make such connections.

SEC. 4. That in case the owner or owners of any such lot be a nonresident or non-residents of the District of Columbia, or can not be found therein, then, and in that case, the said Commissioners shall give notice, by publication twice a week for two weeks in some daily newspaper published in the city of Washington, to such owner, directing the connection of such lot with such public sewer or with such public sewer and water main, as the case may be: *Provided, however*, That if the residence or place of abode of the said nonresident lot owner be known or can be ascertained on reasonable inquiry, then, and in that case, a copy of the aforesaid notice shall be mailed to said nonresident, addressed to him in his proper name at his said place of residence or abode, with legal postage prepaid; and in case such owner or owners shall fail or neglect to comply with the notice aforesaid within thirty days it shall be the duty of said Commissioners to cause such connection to be made, the expense to be paid out of the emergency fund; such expense, with necessary expense of advertisement, shall be assessed as a tax against such lot, which tax shall be carried on the regular tax roll of the District of Columbia, and shall be collected in the manner provided for the collection of other taxes.

Approved, May 19, 1896.

AN ACT to establish certain harbor regulations for the District of Columbia.

[29 Stat., 126.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That it shall be unlawful for any owner or occupant of any wharf or dock, any master or captain of any vessel, or any person or persons to cast, throw, drop, or deposit any ballast, dirt, oyster shells, or ashes in the water in any part of the Potomac River or its tributaries in the District of Columbia, or on the shores of said river below high-water mark, unless for the purpose of making a wharf, after permission has been obtained from the Commissioners of the District of Columbia for that purpose, which wharf shall be sufficiently inclosed and secured so as to prevent injury to navigation.

Sec. 2. That it shall be unlawful for any owner or occupant of any wharf or dock, any captain or master of any vessel, or any other person or persons, to cast, throw, deposit, or drop in any dock or in the waters of the Potomac River or its tributaries in the District of Columbia any dead fish, fish offal, dead animals of any kind, condemned oysters in the shell, watermelons, cantaloupes, vegetables, fruits, shavings, hay, straw, ice, snow, filth, or trash of any kind whatsoever.

Sec. 3. That any person or persons violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and on conviction thereof in the police court of the District of Columbia shall be punished by a fine not exceeding one hundred dollars or by imprisonment not exceeding six months, or by both such punishments, in the discretion of the court.

Sec. 4. That nothing in this act contained shall be construed to interfere with the work of improvement in or along the said river and harbor, under the supervision of the United States Government.

Sec. 5. That all acts or parts of acts inconsistent herewith are hereby repealed.

Approved, May 19, 1896.

AN ACT relating to the testimony of physicians in the courts of the District of Columbia.

[29 Stats., 138.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That in the courts of the District of Columbia no physician or surgeon shall be permitted, without the consent of the person afflicted, or of his legal representative, to disclose any information, confidential in its nature, which he shall have acquired in attending a patient in a professional capacity and which was necessary to enable him to act in that capacity, whether such information shall have been obtained from the patient or from his family or from the person or persons in charge of him: *Provided,* That this act shall not apply to evidence in criminal cases where the accused is charged with causing the death of, or inflicting injuries upon, a human being, and the disclosure shall be required in the interests of public justice.

Received by the President May 13, 1896.

[NOTE BY THE DEPARTMENT OF STATE.—The foregoing act having been presented to the President of the United States for his approval, and not having been returned by him to the House of Congress in which it originated within the time prescribed by the Constitution of the United States, has become a law without his approval.]

AN ACT to regulate the practice of medicine and surgery, to license physicians and surgeons, and to punish persons violating the provisions thereof in the District of Columbia.

[29 Stats., 198.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That there shall be, and is hereby, created a board of medical supervisors of the District of Columbia, which shall consist of the presidents of the three boards of medical examiners hereinafter provided for and two persons, not physicians, one of whom shall be learned in the law, to be appointed by the Commissioners of the District of Columbia, each for a period of three years, or until his successor is appointed: *Provided,* That not more than two members of the board of supervisors shall be adherents of any one system of medical practice: *And provided further,* That said Commissioners may remove, after due notice and hearing, any member of said board for neglect of duty or other just cause, and that in case of the death, resignation, or removal of any member the vacancy for the unexpired term of said member shall be filled in the same manner as other appointments are made.

Sec. 2. That the said board of medical supervisors shall elect a president, a vice-president, and a secretary. Said board shall make, subject to the approval of the Commissioners of the District of Columbia, such regulations as may be necessary to carry into effect the provisions of this act. Said board shall hold such meetings as may be necessary for the transaction of business. Said board shall supervise all examinations provided for in this act, and shall issue all licenses to practice medicine and surgery or midwifery in the District of Columbia. Said board shall keep an official record of its meetings, also an official register of all applicants for examination for licenses to practice medicine and surgery in the District of Columbia. Said register shall show the name, age, place and duration of residence of each candidate, the



time he or she has spent in medical study, in or out of medical schools, and the names and locations of all medical schools which have granted said applicant any degree or certificate of attendance upon lectures in medicine. Said register shall also show whether said applicant was rejected or licensed under this act. Said register shall be prima facie evidence of all matters contained therein. The secretary aforesaid may be elected by said board from others than its own members; said secretary shall also act as treasurer, and shall give such bond as may be required by the Commissioners of the District of Columbia; said secretary shall have the power to administer oaths upon such matters as pertain to the business of said board; said secretary shall mail to the address of each applicant a notice of the time and place of examination, not less than seven days before the examination, and at a longer period if requested by the applicant at the time of making application.

Sec. 3. That from and after the passage of this act all persons desiring to practice medicine and surgery in any of their branches in the District of Columbia shall apply to said board of medical supervisors for a license to do so. Applicants shall submit to examination upon the following-named branches, to wit: Anatomy, physiology, chemistry, pathology, materia medica and therapeutics, hygiene, histology, practice of medicine, surgery, obstetrics and gynecology, diseases of the eye and the ear, medical jurisprudence, and such other branches as said board shall deem advisable. Each applicant shall be certified by said board for examination as speedily as possible to the board of medical examiners whose members are adherents to the system of medicine which said applicant desires to practice; but said board shall not certify for examination any applicant until satisfactory proof is furnished that he or she is of good moral character and over twenty-one years of age, nor until he or she has presented a diploma conferring upon him or her the degree of doctor of medicine, issued by some medical college authorized by law to confer such degree: *Provided*, That said diploma, if issued prior to July first, eighteen hundred and ninety-eight, shall be accompanied by satisfactory evidence that said applicant has studied medicine and surgery for not less than three years prior to the issue thereof, and if issued subsequent to June thirtieth, eighteen hundred and ninety-eight, shall be accompanied by satisfactory evidence that the applicant has studied medicine and surgery for not less than four years prior to the issue of said diploma. All examinations shall be both theoretical and practical, and of sufficient severity to test a candidate's fitness to practice medicine and surgery.

Sec. 4. That said application for a license to practice medicine and surgery in the District of Columbia shall be made to the secretary of said board of medical supervisors upon a form prescribed by said board, and shall be accompanied by a fee of ten dollars. Each application shall be in the hands of said secretary not less than two weeks before the day set for examination, and any application may be rejected for refusal to furnish any of the information called for, or for other irregularity. All applications shall be kept on file by said secretary.

Sec. 5. That immediately after the passage of this act the Commissioners of the District of Columbia shall appoint three boards of medical examiners, one to be known as the board of medical examiners of the District of Columbia and to be composed of five physicians in good standing, adherents to the regular system of medical practice; one to be known as the board of homeopathic medical examiners of the District of Columbia and to be composed of five physicians in good standing, adherents to the homeopathic system of medical practice, to be selected from a list of not less than ten names, submitted by a majority vote at some regular meeting of the Washington Homeopathic Medical Society, and one to be known as the board of eclectic medical examiners of the District of Columbia, to be composed of five physicians in good standing, adherents to the eclectic system of medical practice, to be selected from a list of not less than ten names, submitted by a majority vote at some regular meeting of the Eclectic Medical Society of the District of Columbia. Of the members of each board first appointed one shall be appointed to serve one year, two to serve two years, and two to serve three years, and thereafter each member of each board shall be appointed to serve three years, or until his successor is appointed: *Provided*, That no member of either of said boards shall have been engaged in the practice of medicine and surgery in the District of Columbia for less than five years at the time of his appointment: *And provided further*, That in event of the failure of the Washington Homeopathic Medical Society or of the Eclectic Medical Society of the District of Columbia, after fifteen days' notice by the Commissioners of the District of Columbia, to submit the list of names aforesaid, said Commissioners may appoint the members of the board of homeopathic medical examiners or of the board of eclectic medical examiners without restriction as to nomination by the society in default: *And provided further*, That said Commissioners may at any time remove any member of either of the boards named in this act for

Sec. 2. That it shall be unlawful for any owner or occupant of any wharf or dock, any captain or master of any vessel, or any other person or persons, to cast, throw, deposit, or drop in any dock or in the waters of the Potomac River or its tributaries in the District of Columbia any dead fish, fish offal, dead animals of any kind, condemned oysters in the shell, watermelons, cantaloupes, vegetables, fruits, shavings, hay, straw, ice, snow, filth, or trash of any kind whatsoever.

Sec. 3. That any person or persons violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and on conviction thereof in the police court of the District of Columbia shall be punished by a fine not exceeding one hundred dollars or by imprisonment not exceeding six months, or by both such punishments, in the discretion of the court.

Sec. 4. That nothing in this act contained shall be construed to interfere with the work of improvement in or along the said river and harbor, under the supervision of the United States Government.

Sec. 5. That all acts or parts of acts inconsistent herewith are hereby repealed.

Approved, May 19, 1896.

AN ACT relating to the testimony of physicians in the courts of the District of Columbia.

[29 Stats., 138.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That in the courts of the District of Columbia no physician or surgeon shall be permitted, without the consent of the person afflicted, or of his legal representative, to disclose any information, confidential in its nature, which he shall have acquired in attending a patient in a professional capacity and which was necessary to enable him to act in that capacity, whether such information shall have been obtained from the patient or from his family or from the person or persons in charge of him: *Provided,* That this act shall not apply to evidence in criminal cases where the accused is charged with causing the death of, or inflicting injuries upon, a human being, and the disclosure shall be required in the interests of public justice.

Received by the President May 13, 1896.

[NOTE BY THE DEPARTMENT OF STATE.—The foregoing act having been presented to the President of the United States for his approval, and not having been returned by him to the House of Congress in which it originated within the time prescribed by the Constitution of the United States, has become a law without his approval.]

AN ACT to regulate the practice of medicine and surgery, to license physicians and surgeons, and to punish persons violating the provisions thereof in the District of Columbia.

[29 Stats., 198.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That there shall be, and is hereby, created a board of medical supervisors of the District of Columbia, which shall consist of the presidents of the three boards of medical examiners hereinafter provided for and two persons, not physicians, one of whom shall be learned in the law, to be appointed by the Commissioners of the District of Columbia, each for a period of three years, or until his successor is appointed: *Provided,* That not more than two members of the board of supervisors shall be adherents of any one system of medical practice: *And provided further,* That said Commissioners may remove, after due notice and hearing, any member of said board for neglect of duty or other just cause, and that in case of the death, resignation, or removal of any member the vacancy for the unexpired term of said member shall be filled in the same manner as other appointments are made.

Sec. 2. That the said board of medical supervisors shall elect a president, a vice-president, and a secretary. Said board shall make, subject to the approval of the Commissioners of the District of Columbia, such regulations as may be necessary to carry into effect the provisions of this act. Said board shall hold such meetings as may be necessary for the transaction of business. Said board shall supervise all examinations provided for in this act, and shall issue all licenses to practice medicine and surgery or midwifery in the District of Columbia. Said board shall keep an official record of its meetings, also an official register of all applicants for examination for licenses to practice medicine and surgery in the District of Columbia. Said register shall show the name, age, place and duration of residence of each candidate, the

time he or she has spent in medical study, in or out of medical schools, and the names and locations of all medical schools which have granted said applicant any degree or certificate of attendance upon lectures in medicine. Said register shall also show whether said applicant was rejected or licensed under this act. Said register shall be prima facie evidence of all matters contained therein. The secretary aforesaid may be elected by said board from others than its own members; said secretary shall also act as treasurer, and shall give such bond as may be required by the Commissioners of the District of Columbia; said secretary shall have the power to administer oaths upon such matters as pertain to the business of said board; said secretary shall mail to the address of each applicant a notice of the time and place of examination, not less than seven days before the examination, and at a longer period if requested by the applicant at the time of making application.

SEC. 3. That from and after the passage of this act all persons desiring to practice medicine and surgery in any of their branches in the District of Columbia shall apply to said board of medical supervisors for a license to do so. Applicants shall submit to examination upon the following-named branches, to wit: Anatomy, physiology, chemistry, pathology, materia medica and therapeutics, hygiene, histology, practice of medicine, surgery, obstetrics and gynecology, diseases of the eye and the ear, medical jurisprudence, and such other branches as said board shall deem advisable. Each applicant shall be certified by said board for examination as speedily as possible to the board of medical examiners whose members are adherents to the system of medicine which said applicant desires to practice; but said board shall not certify for examination any applicant until satisfactory proof is furnished that he or she is of good moral character and over twenty-one years of age, nor until he or she has presented a diploma conferring upon him or her the degree of doctor of medicine, issued by some medical college authorized by law to confer such degree: *Provided*, That said diploma, if issued prior to July first, eighteen hundred and ninety-eight, shall be accompanied by satisfactory evidence that said applicant has studied medicine and surgery for not less than three years prior to the issue thereof, and if issued subsequent to June thirtieth, eighteen hundred and ninety-eight, shall be accompanied by satisfactory evidence that the applicant has studied medicine and surgery for not less than four years prior to the issue of said diploma. All examinations shall be both theoretical and practical, and of sufficient severity to test a candidate's fitness to practice medicine and surgery.

SEC. 4. That said application for a license to practice medicine and surgery in the District of Columbia shall be made to the secretary of said board of medical supervisors upon a form prescribed by said board, and shall be accompanied by a fee of ten dollars. Each application shall be in the hands of said secretary not less than two weeks before the day set for examination, and any application may be rejected for refusal to furnish any of the information called for, or for other irregularity. All applications shall be kept on file by said secretary.

SEC. 5. That immediately after the passage of this act the Commissioners of the District of Columbia shall appoint three boards of medical examiners, one to be known as the board of medical examiners of the District of Columbia and to be composed of five physicians in good standing, adherents to the regular system of medical practice; one to be known as the board of homeopathic medical examiners of the District of Columbia and to be composed of five physicians in good standing, adherents to the homeopathic system of medical practice, to be selected from a list of not less than ten names, submitted by a majority vote at some regular meeting of the Washington Homeopathic Medical Society, and one to be known as the board of eclectic medical examiners of the District of Columbia, to be composed of five physicians in good standing, adherents to the eclectic system of medical practice, to be selected from a list of not less than ten names, submitted by a majority vote at some regular meeting of the Eclectic Medical Society of the District of Columbia. Of the members of each board first appointed one shall be appointed to serve one year, two to serve two years, and two to serve three years, and thereafter each member of each board shall be appointed to serve three years, or until his successor is appointed: *Provided*, That no member of either of said boards shall have been engaged in the practice of medicine and surgery in the District of Columbia for less than five years at the time of his appointment: *And provided further*, That in event of the failure of the Washington Homeopathic Medical Society or of the Eclectic Medical Society of the District of Columbia, after fifteen days' notice by the Commissioners of the District of Columbia, to submit the list of names aforesaid, said Commissioners may appoint the members of the board of homeopathic medical examiners or of the board of eclectic medical examiners without restriction as to nomination by the society in default: *And provided further*, That said Commissioners may at any time remove any member of either of the boards named in this act for

neglect of duty or other just cause, and that in case of the death, resignation, or removal of any member the vacancy for the unexpired term of said member shall be filled in the same manner as other appointments are made.

SEC. 6. That each member of said boards of medical examiners of the District of Columbia shall, before entering upon the discharge of his duties, take an oath to administer fairly and impartially the provisions of this act. Each board shall elect from its own members a president and a secretary. Each board shall hold a meeting for examination in the city of Washington on the second Thursday in January, April, July, and October of each year, and continuing so long as may be necessary to examine all applicants, and other meetings shall be held at such times as the board of medical supervisors shall direct. Each of said boards shall examine, at the meeting immediately following the receipt of the proper certificates from the board of medical supervisors, all applicants for licenses to practice medicine and surgery in the District of Columbia so certified.

SEC. 7. That the several boards of medical examiners shall, not less than one week prior to each examination, submit to the board of medical supervisors of the District of Columbia questions for thorough examinations in anatomy, physiology, chemistry, pathology, materia medica and therapeutics, hygiene, histology, practice of medicine, surgery, obstetrics and gynecology, diseases of the eye and the ear, medical jurisprudence, and such other branches as said board of medical supervisors may direct. From the lists of questions so submitted said board of medical supervisors shall select the questions for each examination, and such questions shall be the same for all candidates, except that in the departments of therapeutics, practice of medicine, and materia medica the questions shall be in harmony with the system of medicine selected by the candidate. Said examinations shall be conducted orally and in writing, in accordance with the rules and regulations prescribed by the board of medical supervisors, and shall embrace the subjects as stated in section three of this act. An official report of the result of each examination, signed by the president and the secretary and each acting member of the board of medical examiners conducting such examination, stating the average attained by each candidate in each branch, the general average, and the result of the examination, whether successful or unsuccessful, shall be transmitted to the board of medical supervisors within fifteen days from the date of such examination. Said report shall embrace all the examination papers, questions, and answers thereto. All such examination papers shall be kept for reference and inspection for a period of not less than five years.

SEC. 8. That if in the opinion of a majority of the board of medical supervisors, after a careful examination of the report of the board of medical examiners by which any applicant was examined, said applicant has fairly and successfully passed such examination as hereinbefore provided for, the board of medical supervisors of the District of Columbia shall, as soon thereafter as possible, issue to him a license signed by the president and the secretary of said board and attested by the seal of the District of Columbia, which license shall entitle said applicant, after it is registered as herein-after provided, to practice medicine and surgery in the District of Columbia: *Provided*, That a license shall be issued upon application, free of cost and without examination, to each physician who is registered at the health office of the District of Columbia at the time of the passage of this act, and to physicians who may change their residence to the District of Columbia from any State or Territory where medical laws and medical examining boards exist, the presentation of a certificate or license from a medical examining board, if found upon due inquiry to be true and genuine, being sufficient evidence of right to registration and certification under the provisions of this act: *Provided*, That the medical laws and examining boards of such States and Territories grant equal rights and recognition to the licentiates of the board herein created. All licenses issued by said board shall be numbered consecutively, and a register shall be kept by the secretary showing the number of each license, the date of issue, and to whom issued.

SEC. 9. That the board of medical supervisors of the District of Columbia shall make, subject to the approval of the Commissioners of said District, such regulations as may be necessary to determine the qualifications of women desiring hereafter to commence the practice of midwifery in the District of Columbia, and shall issue licenses to such as are, after examination, found qualified; but no fee shall be charged for the examination of any applicant for such licenses, and no applicant who has been rejected shall be reexamined within one year from such rejection: *Provided*, That a license shall be issued upon application, free of cost and without examination, to each midwife registered at the health office of the District of Columbia at the time of the passage of this act.

SEC. 10. That the board of medical supervisors of the District of Columbia may, by a vote of four members, refuse to grant or may revoke a license, and may cause

the name of any person to be removed from the record of the supreme court of the District of Columbia and from the register of the health office for any of the following causes, to wit: The employment of fraud or deception in passing the examinations provided for in this act, chronic inebriety, the practice of criminal abortion, conviction of crime involving moral turpitude, or of unprofessional or dishonorable conduct. In complaints under this section the accused shall be furnished with a copy of the complaint and given a hearing before said board in person or by attorney, and witnesses may be heard for and on behalf of the accused, and for and on behalf of the said board. Appeal from the decision of said board may be taken to the court of appeals of the District of Columbia, and the decision of said court shall be final. Said board may at any time within two years from the refusal or revocation of a license, or the cancellation of registration under this section, by a vote of four members, issue, without examination, a new license to the person so affected, restoring to him or her all the rights and privileges of which he or she had been deprived by said board.

Sec. 11. That any person receiving a license as hereinbefore provided shall have it recorded in the office of the clerk of the supreme court of the District of Columbia within three months from the date of said license, and the place and date of record shall be certified thereon by said clerk; and the holder of the license shall pay to the clerk of said court a fee of fifty cents for making the record. The holder of said license shall, after the same has been recorded, exhibit the same at the health office, and shall register, in a book provided for that purpose, his or her name and address. Whenever a license is revoked by said board of medical supervisors the secretary thereof shall report that fact in writing to the clerk of said court and to the health officer of the District of Columbia, who shall thereupon cancel such registration.

Sec. 12. That this act shall not apply to commissioned surgeons of the United States Army, Navy, or Marine-Hospital Service, nor to regularly licensed physicians and surgeons in actual consultation from other States or Territories, nor to regularly licensed physicians and surgeons actually called from other States or Territories to attend specified cases in the District of Columbia, nor to the treatment of any case of actual emergency, nor to the practice of massage or the so-called Swedish movement cure, nor to the use of ordinary domestic remedies without fee, gift, or consideration of any kind.

Sec. 13. That from and after the passage of this act any person practicing medicine and surgery or midwifery in the District of Columbia, or who shall publicly profess to do so, without first having obtained from the board of medical supervisors of the District of Columbia a license and registered the same as herein provided, or in violation of any of the provisions of this act or any of the rules and regulations made by authority conferred herein, or after his license or registration has been canceled by order of said board of medical supervisors of the District of Columbia, shall be deemed guilty of a misdemeanor, and, upon conviction thereof, shall be punished for each offense by a fine of not less than fifty nor more than five hundred dollars, or by imprisonment in the District jail for a period of not less than ten nor more than ninety days, or by both such fine and imprisonment. It shall be the duty of the United States district attorney for the District of Columbia to prosecute all violations of the provisions of this act.

Sec. 14. That the secretary of the board of medical supervisors shall be paid for taking testimony the same fee that is allowed to an examiner in chancery for the same service. The expense of said board and the examinations shall be paid from the license fees herein provided for; and if any surplus remain on the thirtieth day of June of each year the members of the board of medical supervisors appointed as such shall be paid such reasonable compensation as the Commissioners of the District of Columbia may determine, and any balance then remaining shall be divided among the three boards of medical examiners in proportion to the number of candidates examined, each member of each board of medical examiners to receive such part of the entire amount paid as that board itself shall determine.

Sec. 15. That nothing in this act shall be construed to conflict with an act for the regulation of the practice of dentistry in the District of Columbia, approved June sixth, eighteen hundred and ninety-two, nor to interfere with graduates of standard dental colleges, registered under the provisions of said act, in the exercise of their profession to the extent and within the limits of the curriculum of such standard dental colleges.

Sec. 16. That all act or parts of acts, general or special, not in accordance with the provisions of this act, be, and are hereby, repealed.

Approved June 8, 1896.

Extract from An Act making appropriations to supply deficiencies, etc.

[29 Stats., 281.]

*Provided*, That the Commissioners of the District of Columbia are hereby authorized to make rules and regulations for the government of said smallpox hospital.

Approved June 3, 1896.

AN ACT to punish the impersonation of inspectors of the health and other departments of the District of Columbia.

[29 Stats., 619.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That it shall be unlawful for any person in the District of Columbia to falsely represent himself or herself as being an inspector of the health department of said District, or an inspector of any department of the District government; and any person so offending shall be deemed guilty of a misdemeanor, and on conviction in the police court of said District shall be punished by a fine of not less than ten dollars nor more than fifty dollars for the first offense, and for each subsequent offense by a fine of not less than fifty dollars nor more than one hundred dollars, or imprisonment in the jail of the District not exceeding six months, or both, in the discretion of the court.

Approved March 2, 1897.

AN ACT authorizing the Commissioners of the District of Columbia to charge a fee for the issuance of transcripts from the records of the health department.

[29 Stats., 635.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the Commissioners of the District of Columbia be, and they are hereby, authorized and directed to collect a fee of fifty cents, to be paid to the collector of taxes, and by him to be deposited in the United States Treasury to the credit of the District of Columbia for each transcript from the records of births, deaths, and marriages in the health department of said District: *Provided*, That no one transcript shall be made so as to apply to more than one birth, death, or marriage: *And provided further*, That no fee shall be charged for transcripts furnished the various departments of the United States Government for official purposes.

SEC. 2. That this act shall take effect thirty days after its passage.

Approved March 3, 1897.

AN ACT to prevent the spread of contagious diseases in the District of Columbia.

[29 Stats., 635.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That for the purposes of this act the term "contagious disease" shall be held to mean Asiatic cholera, yellow fever, typhus fever, smallpox (including varioloid), leprosy, the plague, and glanders, or any of these diseases by whatsoever name it may be designated; the term "case of contagious disease" shall be held to mean any person suffering from any such disease. Any person shall be held to be suffering from a contagious disease who is so infected by such disease as to be capable of transmitting it to others. The presence of the ordinary clinical symptoms of any contagious disease shall be prima facie evidence that such case is or was such a disease; and the presence in such case of the specific bacteria of such disease shall be conclusive evidence that such case is or was such disease. The provisions of this act shall apply to every ship, vessel, steamer, boat, or craft lying or being in the rivers, harbors, or other waters within the jurisdiction of said District, and to every tent, van, hovel, barn, outhouse, cabin, or other place in said District. The term "person in charge of a case of contagious disease" shall be held to mean, first, the head of the family in which such case belongs; second, in his absence or disability or in case he be the person sick, the nearest relative or relatives of such case present on the premises where such case is, and being in attendance on him; third, in the

absence of such relatives everyone in attendance on such person; fourth, in the absence of anyone so in attendance, everyone in charge of the premises where such person is.

SEC. 2. That every physician attending on or called in to visit, or examining any case of contagious disease in the District of Columbia, shall immediately cause such case to be properly isolated, and at once send to the health officer of said District a certificate signed by him, which said certificate shall state the name of the disease and the name, age, sex, and color of the person suffering therefrom, and shall set forth by street and number, or otherwise sufficiently designate the house, room, or other place in which said person may be located, together with such other reasonable information relating thereto as may be required by said health officer: *Provided*, That attending, visiting, or examining any person suffering from a contagious disease shall be prima facie evidence that any physician so doing was aware that such person was suffering from such disease: *And provided further*, That any case of sickness, the symptoms of which so resemble the symptoms of any contagious disease that such case can not be immediately distinguished from such disease, shall be properly isolated by the person in charge thereof until the nature of such sickness is positively determined, or until the case has completely recovered or died; and if such case recovers or dies without the true nature of the disease having been ascertained, it shall be the duty of the person in charge of such case to adopt such measures of isolation and disinfection as are required by this act in cases of contagious diseases.

SEC. 3. That any physician attending on or visiting any case of contagious disease in said District shall send to said health officer a certificate signed by him, certifying to the recovery or death of such case, within twenty-four hours after he becomes aware of such recovery or death. No person suffering from any contagious disease shall be certified as having recovered therefrom until he is entirely free from danger of communicating such disease to others.

SEC. 4. That whenever any person in said District is suffering from any contagious disease, or suspected of being suffering from such disease, and no physician is in attendance on or called in to visit, or examines such person, it shall be the duty of the person in charge of such case to properly isolate the same and to send to said health officer certificates relative thereto, in the same manner as is required by this act of physicians attending on or called in to visit, or examining like cases.

SEC. 5. That whenever it comes to the knowledge of said health officer, either by the certificate hereinbefore provided for or otherwise, that any person in said District is suffering from any contagious disease, said health officer shall cause one or more suitable placards or warning signs to be placed at once in a conspicuous position or positions upon, at, or near the front entrance or entrances to the premises in which such person is, so that the same can be distinctly seen by passers-by; said placards or signs shall contain, printed thereon in large letters, the name of the disease from which said person is suffering, and, in small letters, a statement of the law in reference to entrance to and exit from such house, and in reference to interfering with such placard or warning sign; if such premises be a hospital, asylum, hotel, or apartment house said placards or warning signs may, in the discretion of said health officer, be placed in a conspicuous position or positions within said premises, at such place or places as said health officer may determine; said placards or warning signs shall be displayed as aforesaid until such premises and the contents thereof are disinfected to the satisfaction of said health officer, as certified by him, and for such time thereafter as may be necessary to demonstrate the freedom of occupants of said premises from contagious disease, namely, in the case of cholera and yellow fever, five days; typhus fever, twenty-one days; smallpox, sixteen days; the plague, fourteen days; and glanders, twenty-one days: *Provided*, That in addition to or in lieu of the placards or warning signs provided for above said health officer may station a watchman or watchmen at such building or premises for the purpose of securing compliance with the provisions of this act.

SEC. 6. That no person shall in said District, without the written consent of said health officer, handle, deface, obliterate, remove, or in any manner conceal any placard or warning sign displayed as aforesaid; the person in charge of the building or premises where such placard or sign is or has been displayed, and which said placard or warning sign has been to his knowledge defaced, obliterated, removed, or concealed, shall forthwith report that fact in writing to said health officer unless he has good reason to believe that such placard or sign has been removed by authority of said health officer.

SEC. 7. That it shall be the duty of the person in charge of any case of contagious disease in said District to cause such case, immediately upon the discovery thereof, to be removed to a room or rooms on the premises where it occurs, as far as practicable from rooms occupied by other person not affected by such contagious disease; to

prevent the entrance into the building in which such sick person is of any person or persons except those dwelling therein at the time of the discovery of such disease therein, the physician or physicians in attendance, the nurse or nurses, and such persons as may be especially authorized in writing by said health officer to enter such building; to properly disinfect or cause to be properly disinfected all articles in use in the room or rooms in which such sick person is, and all excreta from such sick person before such articles or excreta are removed from said room; and within three days after the complete recovery, the death, or removal of such case, to cause the premises in which such sick person has been and the persons and articles thereon to be properly disinfected.

SEC. 8. That the disinfection required by this act shall be performed as follows:

(A) All dejecta, vomit, and sputum of persons suffering from contagious diseases shall be received and shall remain for not less than one hour in vessels containing a sufficient quantity of an acid solution of bichloride of mercury (bichloride of mercury, one part; hydrochloric acid, two parts; water, one thousand parts), or other germicidal agent which has been approved by said health officer.

(B) All articles which have been exposed to infection but not included among those enumerated in the preceding paragraph shall be (a) exposed for not less than thirty minutes to steam at a temperature of not less than one hundred and five degrees centigrade, or (b) boiled for not less than thirty minutes, articles to be disinfected to be completely submerged, or (c) soaked in the acid solution of bichloride of mercury aforesaid for not less than one-half hour, or in a two per centum aqueous solution of carbolic acid for not less than four hours, or in other germicidal solution approved by said health officer, or thoroughly washed with such solution, or (d) exposed to the vapor of formaldehyde or other germicidal agent for such time and in such strength as may be specified by said health officer.

(C) Persons who have convalesced from any contagious disease or who have been exposed to such disease shall be thoroughly washed with soap and hot water and sponged with an acid solution of bichloride of mercury, as follows: Bichloride of mercury, one part; hydrochloric acid, two parts; water, two thousand parts; or other germicidal solution approved by said health officer. The bodies of persons who have died from any contagious disease shall be immediately enveloped in a sheet saturated with a five per centum aqueous solution of carbolic acid or other germicidal solution approved by said health officer.

SEC. 9. That if the person who is or has been in charge of any case of contagious disease in said District shall fail or refuse to properly disinfect said premises, and persons and articles thereon, or cause the same to be properly disinfected, within three days after the removal, recovery, or death of such case, said health officer is hereby authorized to cause the same to be properly disinfected and to pay the cost thereof out of any appropriation available for the purpose, and the court before whom such person is tried may require him to pay such costs in addition to suffering such penalty as is hereinafter specified: *Provided*, That when such person is unable, in the opinion of said health officer, to properly disinfect such premises, or any part thereof, or any person or persons, article or articles thereon, such premises or parts thereof, person or persons, article or articles may be disinfected by said health officer and the cost of such disinfection paid out of any appropriation available therefor, including payment for articles belonging to the poor necessarily destroyed.

SEC. 10. That no person in said District suffering from any contagious disease, or residing either permanently or temporarily in any building where there is such disease (or, if such building be a hospital, asylum, hotel, or apartment house, in the apartments where there is such disease) shall leave such building, or apartments, except with a written permit from said health officer, and then only in accordance with the terms of said permit; or with a certificate from said health officer certifying that such person can leave said building or apartments without danger to public health.

SEC. 11. That no person in said District shall knowingly enter any building or if such building be a hospital, asylum, hotel, or apartment house in the apartment in which exists any case or cases of contagious disease or any building infected by such disease, except persons dwelling in such building at the time of the discovery of such disease therein, the attending physician or physicians, the nurse or nurses, and such other person as may be especially authorized in writing by said health officer to do so.

SEC. 12. That no person shall, in said District, keep or retain the body of any person who has died of any contagious disease, except in accordance with the following provisions: Such body shall not be placed in an ice box, but shall, immediately after death, be completely enveloped, and shall thereafter remain so enveloped, in a sheet saturated with a five per centum aqueous solution of carbolic acid or other germicidal



solution, as provided in section eight; such body shall then be immediately placed in a coffin or casket, which shall at once be tightly closed with screws or clamps and remain so closed; such body shall be buried, cremated, or transported beyond the limits of said District within thirty-six hours after death.

SEC. 13. That no body of any person who has died of Asiatic cholera, yellow fever, typhus fever, smallpox, including varioloid, the plague, leprosy, or glanders, shall be carried into or out of the District of Columbia except in transit: *Provided*, That this section shall not apply to the transportation of bodies in hearses or undertakers' wagons for burial in adjoining States.

SEC. 14. That in said District the body of any person who has died of any contagious disease shall not be carried from place to place except for the purpose of burial, cremation, or shipment, nor in any conveyance other than a hearse or undertaker's wagon; such body shall not be taken into any place of public assemblage, nor shall any person attend the funeral of any such body except adult members of the immediate family of the deceased, his nearest friends, not exceeding two, and other persons whose attendance is actually necessary.

SEC. 15. That no person shall, in said District, without a written permit from said health officer, and then only in accordance with the terms of said permit, carry or remove, or cause to be carried or removed, from place to place, any person suffering from any contagious disease, or who has been recently exposed to infection by such disease, and is liable soon to develop the same, or to carry the infection of such disease. No person shall, in said District, expose himself or any other person, or permit his minor child or ward to expose himself, while suffering from any contagious disease or when, having been exposed to such disease, liable soon to develop the same or to carry the infection thereof.

SEC. 16. That no person shall, in said District, without a written permit from said health officer, and then only in accordance with the terms of said permit, carry or remove, or cause to be carried or removed, from place to place, any thing or things which have been exposed to any case of contagious disease and which have not been properly disinfected since such exposure as certified by said health officer.

SEC. 17. That the principal, teacher, or other person or persons in charge of any school, seminary, college, or Sunday school in said District shall not permit any person to attend such school, seminary, college, or Sunday school who is or has been suffering from or exposed to any contagious disease and whose exclusion from such school, seminary, college, or Sunday school has been certified to by said health officer as in his opinion necessary to prevent the spread of such contagious disease; persons so excluded may be permitted to return to such school, seminary, college, or Sunday school upon the presentation of a certificate from said health officer that they may do so without danger of spreading such contagious disease.

SEC. 18. That no parent, master, or custodian of any child or minor, having power or authority to prevent, shall, in said District, permit such child or minor to be unnecessarily exposed or to needlessly expose any other person to the infection of any contagious disease.

SEC. 19. That no person suffering from any contagious disease shall, in said District, enter any public conveyance, nor shall any person in charge of anyone so suffering permit such an one to enter such conveyance without previously making it known to the owner or driver thereof that he, or the person in charge, as the case may be, is suffering from such contagious disease; any person suffering from such disease and any person in charge of one so suffering having entered any public conveyance shall forthwith report in writing to said health officer the time of such use, the number and kind of conveyance used, and, if known, the name of the driver. The owner or driver of any public conveyance, either or both of them, in which has been conveyed any person suffering from a contagious disease shall immediately have such conveyance properly disinfected, and said conveyance shall not again be used until it has been disinfected to the satisfaction of said health officer, as certified by him.

SEC. 20. That no person shall, in said District, knowingly let, or cause to be let to any person, or put any other person in possession of, any house, room, or part of a house or room, in which any person has been confined by reason of any contagious disease, until such house or room or part of a house or room has been disinfected to the satisfaction of said health officer, as certified by him.

SEC. 21. That whenever any person in said District is an inmate of any premises occupied by three or more families, or of any tenement house, boarding house, lodging house, hotel, or apartment house, and is suffering from any contagious disease, and can not, in the opinion of said health officer, be properly isolated in such premises, tenement house, lodging house, hotel, or apartment house, said person shall be removed as expeditiously as possible, under direction of said health officer, to the

public hospital or to such other place, satisfactory to said health officer, provided by and at the expense of said person, his parents or guardians. If such person can not, in the opinion of said health officer, be removed as aforesaid without endangering his life, said health officer may cause such persons in the vicinity to be removed as are in danger of contracting the disease. Any person suffering from any contagious disease, and requiring to be treated at public expense, may, at the discretion of said health officer, be removed to the public hospital for treatment.

SEC. 22. That in every hospital and dispensary in said District there shall be provided and maintained a suitable room or rooms for the isolation of persons infected with any contagious disease aforesaid, or any other disease ordinarily recognized as contagious. Such persons shall, immediately upon the discovery of the nature of their sickness, be separated from the other persons and other patients at such dispensary or hospital. It shall be the duty of the physician or physicians, of the officers, managers, and of everyone in charge of a hospital or dispensary, and of everyone who has any duty or office in respect to patients in course of treatment, or persons who apply for treatment or care at a dispensary or hospital, to see that a report is immediately made to said health officer of every person so applying, infected with any contagious disease mentioned in section one of this act, who comes to their knowledge, and that such person or persons infected with any contagious disease aforesaid, or any other disease ordinarily recognized as contagious, are properly isolated and kept separated from other persons and other patients.

SEC. 23. That every person in said District having been exposed to the infection of smallpox (including varioloid) shall be at once successfully vaccinated, or vaccinated a sufficient number of times to make it evident that successful vaccination is impossible.

SEC. 24. That it shall be the duty of every person in said District to be successfully vaccinated, or to be vaccinated a sufficient number of times to make it evident that successful vaccination is impossible, whenever the Commissioners of said District shall, by proclamation, declare such action on the part of every person, within a reasonable time, to be stated in said proclamation, necessary for public health: *Provided*, That this section shall not apply to persons who prove to the satisfaction of said health officer that they have been successfully vaccinated, or repeatedly vaccinated as aforesaid, within five years from the date of said proclamation, or that they have had smallpox or varioloid.

SEC. 25. That the Commissioners of said District be, and they are hereby, authorized and empowered, whenever said District is, in their judgment, threatened or afflicted with any contagious disease, to cause house-to-house inspections to be made, to require, especially, the cleansing and disinfection of premises or parts of premises, to provide accommodations for such persons as may be threatened by or afflicted with any of the diseases aforesaid, to provide gratuitous vaccination and distribution of disinfectants, and to do or cause to be done such other acts not contrary to law as may be necessary, in their judgment, to prevent the introduction or spread in said District of any disease aforesaid.

SEC. 26. That no person shall, in said District, knowingly make, sign, or deliver any report or certificate, herein provided for, not in accordance with fact.

SEC. 27. That said health officer, and any employee or employees of the health department of said District duly detailed for such purpose, shall have the right to enter and inspect premises or places in said District where there is, or is believed to be, one or more cases of contagious disease, such inspection to be made between the hours of seven o'clock antemeridian and seven o'clock postmeridian, or at such other times as may, in the opinion of said health officer, be found necessary to secure the enforcement of the provisions of this act.

SEC. 28. That no person in said District shall molest, hinder, or in any manner prevent said health officer, or any person in the service of said health department, from performing any duty imposed upon him or them by the provisions of this act.

SEC. 29. That any person who shall violate, or aid or abet in violating, any of the provisions of this act shall be deemed guilty of a misdemeanor, and upon conviction thereof be punished by a fine of not less than five dollars nor more than two hundred dollars, or by imprisonment in the jail of the District of Columbia, or in such other place as may be designated by the court, for not less than five days nor more than six months, or by both such fine and imprisonment, in the discretion of the court.

SEC. 30. That prosecutions under this act shall be in the police court of said District, in the name of said District, on information signed by the attorney of said District or one of his assistants, at the instance of said health officer: *Provided*, That any person or persons tried under this act shall have the privilege, when demanded, of a trial by jury, as in other jury cases in said police court.

SEC. 31. That any person arrested in the District of Columbia for alleged violation

of law, whose detention in the police station, workhouse, or jail would, in the opinion of the health officer of said District, expose the occupants of any such police station, workhouse, or jail to infection by any contagious disease aforesaid, or any other disease ordinarily recognized as contagious, may be confined in any hospital in which are treated patients suffering from such contagious disease as that by which said person is believed to be infected, or in such other place as may be designated by the court.

SEC. 32. That all laws and parts of laws inconsistent with the foregoing be, and the same are hereby, repealed.

Approved, March 3, 1897.

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AN ACT for the regulation of cemeteries and the disposal of dead bodies in the District of Columbia.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That from and after the passage of this act no person or persons shall lay out any new cemetery, or part of any cemetery, within the city of Washington, in the District of Columbia, nor in said District within one mile and a half from the boundaries of said city; no person shall in said District lay out any cemetery, or part of any cemetery, within less than two hundred yards of any dwelling house except with the written consent of the owner, lessee, and occupier of such house, nor without a permit to do so from the Commissioners of said District.

SEC. 2. That it shall be the duty of the owner or owners of any cemetery or cemeteries in said District to inclose such cemetery or cemeteries in said District with good and sufficient walls or fences to prevent entrance thereto or exit therefrom except by gates provided for that purpose. Such cemetery or cemeteries shall, if required by the Commissioners of said District, be underdrained to such a depth as will prevent water remaining in any grave or vault therein.

SEC. 3. That it shall be the duty of the owner or owners of any cemetery or cemeteries in said District to divide the area to be used for graves into lots of reasonable size, to be permanently designated by conspicuous marks, so that the position of each may be readily determined; each lot to be duly numbered; a plat of such cemetery showing the area so divided, the division into lots, and the number of each such lot shall be filed in the office of the surveyor of said District; the grave spaces hereafter laid out for the burial of persons above ten years of age to be at least eight feet by three feet, and those for the burial of children under ten years of age, at least six feet by two feet, or, if preferred by said owner or owners, one-half the measurement of the adult grave space, namely, four feet by three feet.

SEC. 4. That it shall be the duty of the owner or owners of any cemetery or cemeteries in said District to cause to be kept in the office of the superintendent or person in charge of such cemetery or cemeteries a register showing the number of each lot, the name, age, cause of death, and date of burial of each person or persons buried in any such lot or grave space, and the number of the burial permit authorizing such burial; in cases of disinterment said register shall show the date of such disinterment and the number of the official permit therefor, opposite the name of the person whose remains are disinterred; such register shall be, at all times, open to inspection by duly authorized representatives of the health department and of the police department of said District.

SEC. 5. That it shall be the duty of the superintendent or person in charge of any cemetery, or other place for the disposal of dead bodies of human beings in the District of Columbia, to register his or her name at the office of the health department of said District, giving full name, residence, and place of business, and in case of removal from one place to another in said District to make change in such register accordingly.

SEC. 6. That no dead body of any human being, or any part of such body, shall, in said District, be removed from place to place, interred, disinterred, or in any manner disposed of without a permit for such removal, interment, disinterment, or disposal granted by the health officer of said District, nor otherwise than in accordance with the terms of said permit; permits for the removal, interment, or disposal to be issued upon the presentation of a proper death certificate, signed by a physician, registered at the health department of said District, who has attended the deceased during his or her last illness, or by the coroner of said District or his deputy, or by the proper municipal, county, or State authorities at the place where the death occurred; permits for disinterment (including permission to reinter or transport the body disinterred) to be issued upon the written application of the nearest relative or the legal representative of the deceased; and no superintendent or other person in charge of any cemetery in said District or other place for the disposal of dead bodies shall assist in, or assent to, or allow any such interment, disinterment, or disposition

to be made in such cemetery or place until permit shall be given as aforesaid. It shall be the duty of every such superintendent or other person who shall receive any such permit aforesaid to indorse thereon the date of interment, disinterment, or disposal, and to preserve, sign, and return the same to the health officer of said District before six o'clock postmeridian of the Saturday following the day of burial, disinterment, or disposal.

SEC. 7. That no dead body, or part of the dead body, of any human being shall be in any manner carried or conveyed from, in, to, or through said District by any person or by means of any boat, vessel, car, stage, or other vehicle, or by any public or private conveyance, without a permit therefor first granted by the health officer of said District: *Provided*, That bodies or parts of dead bodies aforesaid, except such as have died of Asiatic cholera, yellow fever, typhus fever, smallpox (including varioloid), leprosy, the plague, diphtheria, or scarlet fever, may be brought into said District, or carried through the same in transit, upon a permit of the proper municipal, county, or State authorities of the place at which such person died; whenever the remains of any deceased person have been conveyed, transferred, or removed beyond the limits of said District, it shall be the duty of the person or agent or officer of the corporation having charge of such conveyance, transfer, or removal to detach, date, sign, and return to the health officer the coupon attached to the permit by said health officer authorizing such conveyance, transfer, or removal before six o'clock postmeridian of the Saturday following the day of such conveyance, transfer, or removal of said remains.

SEC. 8. That it shall be the duty of any person or persons having custody or control of the dead body of any human being, or any part of such body, to report in writing, or cause to be reported in writing, to the health officer of said District within forty-eight hours after the death of the deceased, the name of said deceased and the location of the body or part thereof; no such body or part thereof shall be kept in said District in such manner as to give rise to any offensive odors to the annoyance of any person or persons in the neighborhood or to the public, nor so as to be exposed to the public view; nor shall any such body or part thereof be permitted by the person or persons having custody or control of it, to remain unburied for a longer period than one week after death without permission of the health officer unless it has been cremated or deposited in the vault of some cemetery; nor shall any person publicly exhibit in said District, for pay or otherwise, any dead body of any human being, or any part of such body, without a permit from the health officer of said District so to do, except such exhibition be in connection with some Government museum or with some institution of learning permanently located in said District.

SEC. 9. That no person shall bury or cause to be buried within said District the body or part of the body of any deceased person, except in such grounds as are now known and used as public or private burial grounds, or such as shall hereafter be designated by the Commissioners of said District and authorized by them to be used as such: *Provided*, That no cemetery shall hereafter be established within one mile and a half of the city of Washington, in the District of Columbia.

SEC. 10. That no body shall be buried in said District in any vault unless the coffin be separately entombed in properly cemented stone or brick work, so as to render such vault air-tight; such vault, after having been sealed, shall not be opened within ten years; no body shall be temporarily deposited in any vault for a longer period than one month, unless such body is in a hermetically sealed metallic case, nor in any instance for a longer period than one year.

SEC. 11. That no grave in said District shall be reopened, except for the purpose of disinterment, within ten years after the burial of a person above twelve years of age, or within eight years after the burial of a child under 12 years of age, unless the grave has been, in the first instance, of sufficient depth to permit subsequent interments, in which case a layer of earth of not less than one foot thick shall be left undisturbed over the previously buried coffin, unless such coffin has been separately entombed in properly cemented stone or brick work; but if on reopening any grave the soil be found to be offensive, such soil shall not be disturbed; in no case shall a grave be opened in which has been buried the body of any person who has died of Asiatic cholera, yellow fever, typhus fever, smallpox (including varioloid), leprosy, the plague, tetanus, diphtheria, or scarlet fever.

SEC. 12. That no coffin shall be buried in said District so that any part thereof is within less than four feet of the ordinary level of the ground, unless it contains the body of a child under twelve years of age, when it shall not be less than three feet below that level.

SEC. 13. That no person shall, in the District of Columbia, build or maintain a crematory or other device for destroying human bodies except within the limits of

some duly established cemetery in said District, unless such person or persons has in writing the consent of the owners of more than one-half of the property within a radius of two hundred feet from the place where such crematory is to be erected and maintained, and a permit from the Commissioners of said District for the erection of and maintenance of such crematory or other device; such permit to be for a term of years, not exceeding five, to be specified therein: *Provided*, That this section shall not apply to such crematories or other devices for destroying human bodies as may have been erected and are in operation at the time of the passage of this act.

SEC. 14. That it shall be unlawful for any person or persons to cremate or otherwise destroy the dead body, or part of the dead body, of any human being in said District before the issue of the burial permit by the health officer of said District, and then only when said permit is countersigned by the coroner of said District authorizing such cremation or destruction. It shall be unlawful for any person or persons to embalm, inject, or by any similar method preserve the dead body or part of the dead body of any human being in said District within four hours after death before the issue of the death certificate; and in case the death is believed to be due to other than natural causes, or the cause thereof is unknown, such embalming, injecting, or preserving shall at no time be done unless such death certificate has been signed or approved by the coroner of said District.

SEC. 15. That any person who shall violate or aid and abet in violating any of the provisions of this act shall, upon conviction thereof by competent judicial authority, be punished for each offense by a fine of not more than two hundred dollars, or by imprisonment for not more than ninety days in the jail of the District of Columbia.

SEC. 16. That prosecutions under this act shall be in the police court of the District of Columbia, in the name of said District, on information signed by the attorney of said District or one of his assistants: *Provided*, That any person or persons tried under this act shall have the privilege, when demanded, of a trial by jury as in other jury cases in said police court.

SEC. 17. That nothing in this act shall be construed to interfere with or prevent the disinterment of any body when such disinterment is ordered by one of the justices of the supreme court of the District of Columbia, or by the coroner of said District, for judicial purposes; the provisions of this act shall not be held to interfere with the disposal of the ashes of bodies which have been cremated.

SEC. 18. That the provisions of this act shall not be applied to prevent the immediate removal of bodies from Graceland Cemetery, as required by "An act to prohibit the interment of bodies in Graceland Cemetery in the District of Columbia," approved August third, eighteen hundred and ninety-four.

SEC. 19. That all acts or parts of acts inconsistent with the provisions of this act be, and the same are hereby, repealed.

Approved, January 25, 1898.

AN ACT To regulate, in the District of Columbia, the disposal of certain refuse, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That it shall be unlawful for any person or persons to maintain, upon any original lot or subdivisional lot, situated on any street in the District of Columbia, where there is a public sewer and water main available for the use of such lot, any system of disposal of human excreta except by means of water-closets connected with such sewer and water main.

SEC. 2. That no privy shall be constructed or maintained in said District, every part of which is not at least five feet from the line of any adjoining lot, two feet from any street or public or private passageway, and ten feet from any building used or intended to be used for dwelling purposes, or wherein persons are employed or intended to be employed in any trade or business; nor within fifty feet of any well or spring used or likely to be used by man as a source of water for drinking or domestic purposes.

SEC. 3. That every privy in said District shall be constructed and maintained in such a manner and position as to afford ready means of access thereto for the purpose of cleaning the same, and to admit of the removal of the contents from the premises whereon such privy is situated to the public street without being carried through any dwelling house or building where persons are employed in any trade or business; and said privy shall be so constructed as to prevent undue exposure of the occupants thereof, and provided with a sufficient opening for ventilation, as near the top as practicable, communicating directly with the external air. The floor thereof shall be paved with some nonabsorbent material, and constructed so that it shall be in every part at a height of not less than four inches above the level of the surface of the

surrounding ground and have a fall or incline toward the door of the privy of half an inch to the foot. Said privy shall be provided with a suitable receptacle or suitable receptacles for filth, which may be movable or fixed, which shall have suitable covers and be kept closed therewith whenever practicable.

SEC. 4. That whenever any privy in said district is provided with a movable receptacle there shall be constructed over the whole area of the space immediately beneath the seat of the privy a floor at a height of not less than four inches above the level of the surface of the adjoining ground, said floor and the whole extent of each side of such space between the floor and the seat to be constructed of some nonabsorbent material. The seat, the aperture therein, and the space beneath must be of such dimensions as to admit of the removable receptacle for filth being placed or fitted beneath the seat in such manner and position as may effectually prevent the deposit of any filth elsewhere than in the receptacle. The seat shall be so constructed that the whole or sufficient part of it may be readily removed or adjusted in such a manner as to afford adequate access to the space beneath for the purpose of cleaning the same and removing the receptacle therefrom or placing or fitting it therein. Such receptacle for filth shall not exceed in capacity two cubic feet, and shall be made of metal, water-tight, and provided with handles, and so constructed that it may be closed with a cover and made air-tight at the time of its removal. Such receptacle shall at all times be kept in good repair.

SEC. 5. That whenever any privy in said District is provided with a fixed receptacle the bottom and floor of said privy shall be in every part at least four inches above the level of the surface of the adjoining ground, and adequate means of access must be provided for the purpose of cleansing the receptacle and removing the filth therefrom. Said receptacle shall not exceed in capacity eight cubic feet, and shall be constructed of such material or materials and in such manner as to prevent any absorption by any part of it of any filth deposited therein or any escape of its contents by leakage or otherwise, except in process of cleaning. Said receptacle shall be maintained at all times in good repair.

SEC. 6. That no person shall, in said District, deposit in any receptacle for filth in any privy any substance except human fecal matter, urine, and liquid house refuse, except for the purpose of disinfecting or deodorizing; and it shall be the duty of the occupant or occupants of any premises on which a privy is located, or, if such premises be unoccupied, of the owner or owners thereof, to keep the same and the contents thereof disinfected and deodorized at all times.

SEC. 7. That no occupant of any premises in said District whereon is situated any privy, or, if such premises be unoccupied, no owner or owners thereof, shall permit the approaches to such privy, the walls, floors, seats, or fittings thereof, to be in such a state or condition as to be a nuisance or annoyance to any person or persons, for want of proper cleansing thereof, nor allow any receptacle for filth used in connection with any privy to be filled within less than four inches of the top thereof.

SEC. 8. That no part of the contents of any privy shall, in said District, be removed therefrom, nor shall the same be transported through or over any streets or highways, except as the same shall be removed and transported by means of some air-tight apparatus, pneumatic or other process, so as to prevent the contents from being agitated or exposed to the open air during the process of such removal or transportation.

SEC. 9. That every building in said District used for dwelling purposes, or where persons are employed or intended to be employed in any trade or business, shall be provided with sufficient and suitable privy accommodations, having regard to the number of persons employed in or in attendance at such building; and also where persons of both sexes are employed or intended to be employed, or in attendance, with sufficient, suitable, and separate privy accommodations for persons of each sex. It shall be unlawful for any owner or agent to put any person or persons in possession of any building, or any part thereof, not provided with privy accommodations as aforesaid, except a watchman for the purpose of guarding such building or part thereof.

SEC. 10. That no person shall, in said District, deposit any human fecal matter in any place except in some properly constructed privy or water-closet, nor shall any person, having removed the contents, or any part thereof, of any privy in the District of Columbia, deposit it in any place other than such as may be approved by the health officer of said District.

SEC. 11. That it shall be unlawful for any person other than such as shall be authorized by the health officer of said District to clean for pay any privy therein. Said authority shall be granted by said health officer upon application to any person who is properly equipped as to apparatus and means of disposal for performing the work to be done.

SEC. 12. That no person shall, in said District, erect or maintain a privy without

having secured from the health officer of said District a permit so to do. Such permits shall be issued subject to the conditions of this act upon written applications without cost, shall be numbered consecutively, and shall describe the location where each privy is to be maintained.

Sec. 13. That no person shall, in said District, construct or maintain any system of sewage disposal by means of broad irrigation, subsoil irrigation, or otherwise, except upon a permit issued by the Commissioners of said District. Applications for said permit shall be in writing to said Commissioners and shall be accompanied by detailed plans of the system which it is proposed to construct and maintain; and no permit shall be issued under this section until said Commissioners are satisfied that said system can be maintained without nuisance or danger to public health.

Sec. 14. That any person who shall violate or aid or abet in violating any of the provisions of this act shall be guilty of a misdemeanor, and, upon conviction thereof, be punished by a fine of not more than fifty dollars, or by imprisonment in the jail of the District of Columbia for not exceeding fifteen days.

Sec. 15. That prosecutions under this act shall be in the police court of the District of Columbia, in the name of the District of Columbia, on information signed by the attorney for said District or one of his assistants: *Provided*, That any person or persons tried under this act shall have the privilege, when demanded, of a trial by jury, as in other jury cases in said police court.

Sec. 16. That the term privy, as used in this act, shall be held to mean any building or part of a building, used or intended to be used for the reception of human fecal matter or urine, and which is not connected with the public sewer or with some duly authorized system of sewage disposal, so as to immediately remove such material from such building; that the owner or owners of the premises on which any such privy is situated shall be held liable for its erection and maintenance in conformity to law, and for the removal of the contents thereof as may from time to time be necessary; and if such owner or owners can not be found in the District of Columbia a notice of any work required by this act to be done, specifying a reasonable time for the performance thereof, shall be left with the agent of such premises, or if no such agent can be found in said District, such notice shall be mailed to the last known address of such owner or owners; and if the work specified in said notice be not done within the time allowed therein, the Commissioners of the District of Columbia are hereby authorized to cause such work to be done and to assess the cost thereof as a tax against the property benefited, which tax shall be carried on the regular tax roll of the District of Columbia, and shall be collected in the manner provided for the collection of other taxes.

Sec. 17. That this act, in so far as it affects privies hereafter to be erected or existing in said District at the time of its passage, otherwise than in conformity to the laws in force at that time, shall take effect upon its passage; in so far as it affects privies existing in said District at the time of its passage, in conformity to the laws in force at that time, it shall take effect one year after date of said passage.

Sec. 18. That all acts or parts of acts inconsistent with the provisions of this act be, and the same are hereby, repealed.

Approved January 25, 1898.

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AN ACT relating to the adulteration of foods and drugs in the District of Columbia.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That no person shall, within the District of Columbia, by himself or by his servant or agent, or as the servant or agent of any other person, sell, exchange, or deliver, or have in his custody or possession with the intent to sell or exchange, or expose or offer for sale or exchange, any article of food or drug which is adulterated within the meaning of this act.

Sec. 2. That the term "drug," as used in this act, shall include all medicines for external or internal use, antiseptics, disinfectants, and cosmetics. The term "food," as used herein, shall include confectionery, condiments, and all articles used for food or drink by man, and if there be more than one quality of any article of food or drug known by the same name the best quality thereof shall be furnished to the purchaser, unless he otherwise requests at the time of making such purchase, or unless he be notified at such time of the inferior quality of the article delivered.

Sec. 3. That an article shall be deemed to be adulterated within the meaning of this act:

(a) In the case of drugs: First, if, when sold under or by a name recognized in the United States Pharmacopoeia, it differs from the standard of strength, quality, or purity laid down in the edition thereof at the time official; second, if, when sold under or by

a name not recognized in the United States Pharmacopœia, but which is found in the German, French, or English Pharmacopœia, it differs from the strength, quality, or purity laid down therein; third, if, when sold as a patented medicine, compounded drug, or mixture, it is not composed of all of the ingredients advertised or printed or written on the bottles, wrappers, or labels of or on or with the patented medicine, compounded drug, or mixture: *Provided*, That if the defendant in any prosecution under this act, in respect to the sale of any such patented medicine, compounded drug, or mixture, shall prove to the satisfaction of the court that he had purchased the article in question as the same in nature, substance, and quality as that demanded of him by the purchaser, and with a written warranty to that effect; that he had no reason to believe at the time when he sold it that the article was otherwise, and that he sold it in the same state as when he purchased it, he shall be discharged from the prosecution.

(b) In the case of food: First, if any substance or substances have been mixed with it so as to reduce or lower or injuriously affect its quality or strength; second, if an inferior or cheaper substance or substances have been substituted wholly or in part for it; third, if any valuable constituent has been wholly or in part abstracted from it; fourth, if it is an imitation of or is sold under the name of another article; fifth, if it consists wholly or in part of a diseased, decomposed, putrid, or rotten animal or vegetable substance, whether manufactured or not; sixth, if it is colored, coated, polished, or powdered whereby damage is concealed, or if it is made to appear better or of greater value than it really is; seventh, if it contains any added poisonous ingredient or any ingredient which may render it injurious to the health of a person consuming it; eighth, in the case of milk, if it contains less than three and one-half per centum of fat, less than nine per centum of solids not fat, and contains more than eighty-seven and one-half per centum of water; in the case of cream, if it contains less than twenty per centum of butter fat; ninth, in the case of butter or cheese, if it is not made exclusively from milk or cream, or both, with or without common salt; the butter, if it contains more than twelve per centum of water, more than five per centum of salt, and less than eighty-three per centum of fat; tenth, in the case of coffee, if it is not composed entirely of the seed of the *Coffea arabica*; eleventh, in the case of lard, if it is not made exclusively from the rendered fat of the healthy hog; twelfth, in the case of tea, if it is not composed entirely of the genuine leaf of the tea plant not exhausted; thirteenth, in the case of all kinds of vinegar, if it contains an acidity equivalent to the presence of less than four per centum of absolute acetic acid; and cider vinegar, if it is not made from the pure apple juice and contains less than one and five-tenths per centum of total solids; fourteenth, in the case of cider, if it is not made from the legitimate product of pure apple juice; in the case of wines and fruit juices, if not made from the pure fruit as represented; and in the case of cider, wines, fruit juices, and malt liquors, if not free from salicylic acid or other preservatives; and in the case of malt liquors, if not free from picric acid, *coccus indicus*, colchicine, colocynth, aloes, and wormwood; fifteenth, in the case of glucose, if it contains more than five one-hundredths per centum of ash; sixteenth, in the case of flour, if it is not composed entirely of one single ground cereal; seventeenth, in the case of bread, if there is any addition of alum, sulphate of copper, borax, or sulphate of zinc, or other poisonous or harmful ingredient, and if it contains more than thirty-one per centum of moisture, more than two per centum of ash, and less than six and twenty-five one-hundredths per centum of albuminoids; eighteenth, in the case of olive oil, if it is not made exclusively from the olive berry (*Olea europæa*), and its specific gravity at fifteen and six-tenths degrees centigrade (sixty degrees Fahrenheit) "actual density" to be not more than nine hundred and seventeen one-thousandths nor less than nine hundred and fourteen one-thousandths: *Provided*, That an offense shall not be deemed to be committed under this section in the following cases, that is to say, first, where the order calls for an article of food or drug inferior to such standard, or where such difference is made known by being plainly written or printed on the package; second, where the article of food or drug is mixed with any matter or ingredient not measure or conceal its inferior quality, if at the time such article is delivered to the purchaser it is made known to him that such article of food or drug is so mixed.

Sec. 4. That it shall be the duty of the health officer of the District of Columbia, under the direction of the Commissioners of said District, to adopt such measures as may be necessary to facilitate the enforcement hereof, and prepare rules and regulations with regard to the proper method of collecting and examining drugs and articles of food in said District.

Sec. 5. That it shall be the duty of the health officer to investigate a complaint for a violation of any of the provisions of this act on the information of any person who lays before him satisfactory evidence by which to substantiate such complaint.



SEC. 6. That every person offering for sale or delivering to any purchaser any drug or article of food included in the provisions of this act shall furnish to any analyst or other officer or agent of the health department, who shall apply to him for the purpose and shall tender him the value of the same, a sample sufficient for the purpose of analysis of any such drug or article of food which is in his possession.

SEC. 7. That in all cases where any drug or article of food shall be taken as a sample to be examined and analyzed the person making the analysis shall reserve a portion of the sample, which shall be sealed, for a period of thirty days from the time of taking such sample, and in case of a complaint the reserved portion alleged to be adulterated shall, upon application, be delivered to the defendant or his attorney.

SEC. 8. That no person shall hinder, obstruct, or in any way interfere with any inspector, analyst, or other person of the health department in the performance of his duty in carrying out the provisions of this act.

SEC. 9. That all prosecutions under this act shall be in the police court of said District, on information brought in the name of the District of Columbia, and on its behalf; and any person or persons violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and upon conviction shall be punished by a fine of not less than five dollars nor more than one hundred dollars.

SEC. 10. That all acts and parts of acts inconsistent with this act be, and the same are hereby, repealed: *Provided*, That nothing in this act contained shall be construed as modifying or repealing any of the provisions of "An act defining butter, also imposing a tax upon and regulating the manufacture, sale, importation, and exportation of oleomargarine," approved August second, eighteen hundred and eighty-six, or of "An act defining cheese, and also imposing a tax upon and regulating the manufacture, sale, importation, and exportation of 'filled cheese,'" approved June sixth, eighteen hundred and ninety-six.

Approved, February 17, 1898.

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AN ACT to prevent the adulteration of candy in the District of Columbia.]

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That no person or corporation shall, by himself, his servant, or agent, or as the servant or agent of any other person or corporation, manufacture for sale or knowingly sell or offer to sell any candy adulterated by the admixture of terra alba, barytes, talc, or any other mineral substance, by poisonous colors or flavors, or other ingredients deleterious or detrimental to health.

SEC. 2. That any person or corporation convicted of violating any of the provisions of this act shall be punished by a fine not exceeding one hundred dollars. The candy so adulterated shall be forfeited and destroyed under the direction of the court.

SEC. 3. That it is hereby made the duty of the prosecuting attorneys of the District of Columbia to appear for the people and to attend to the prosecution of all complaints under this act in all the courts of said District.

SEC. 4. That this act shall take effect upon its passage.

Approved, May 5, 1898.

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AN ACT for the prevention of smoke in the District of Columbia, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That on and after six months from the passage of this act the emission of dense or thick black or gray smoke or cinders from any smokestack or chimney used in connection with any stationary engine, steam boiler, or furnace of any description within the District of Columbia shall be deemed, and is hereby declared, to be a public nuisance: *Provided*, That nothing in this act shall be construed as applied to chimneys of buildings used exclusively for private residences.

SEC. 2. That the owner, agent, lessee, or occupant of any building of any description from the smokestack or chimney of which there shall issue or be emitted thick or dense black or gray smoke or cinders within the District of Columbia on or after the day above named shall be deemed and held guilty of creating a public nuisance and of violating the provisions of this act.

SEC. 3. That any person or persons violating the provisions of this act shall, upon conviction thereof before the police court of the District of Columbia, be punished by a fine of not less than ten dollars nor more than one hundred dollars for each and every offense; and each and every day wherein the provisions of this act shall be violated shall constitute a separate offense.

Sec. 4. That in order to provide for the enforcement of the provisions of this act there shall be detailed from time to time by the Commissioners of the District of Columbia an inspector or inspectors of the health department of the District of Columbia, whose duty it shall be, under the supervision of the health officer of the District of Columbia, to cause to be prosecuted all persons violating the provisions of this act.

Sec. 5. That no discrimination shall be made against any method or device which may be used for the prevention of smoke and which accomplishes the purpose of this act.

Sec. 6. That all acts or parts of acts inconsistent herewith be, and the same are hereby, repealed.

Approved, February 2, 1890.

AN ACT to cause the removal of weeds from lands in the city of Washington, District of Columbia, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That it shall be the duty of the owner, occupant, or agent in charge of any land in the city of Washington, District of Columbia, or in the more densely populated suburbs of said city to remove from such land any weeds thereon of four or more inches in height within seven days (Sundays and legal holidays excepted) after notice from the health officer of said District so to do, and upon failure to comply with such notice he or she shall, on conviction thereof, be punished by a fine of not more than ten dollars for each day said notice is not complied with.

SEC. 2. That whenever there are upon any unoccupied land aforesaid weeds of four or more inches in height, and no person can be found in said District who either is or claims to be the owner thereof, or who either represents or claims to represent such owner as aforesaid, the Commissioners of said District shall give notice, by publication twice a week in one daily newspaper published in the city of Washington aforesaid, requiring their removal. Said notice shall specify the land from which such weeds are to be removed, the character of the work to be done, and the time allowed for doing the same; and if such weeds be not removed within the time so specified it shall be the duty of said Commissioners to cause their removal; and the cost of such removal, including the cost of advertising, shall be a lien upon and shall be assessed by said Commissioners as a tax against the property on which said weeds were located, and the said tax so assessed shall bear interest at the rate of ten per centum per annum till paid, and shall be carried on the regular tax rolls of said District and be collected in the manner provided for the collection of general taxes.

SEC. 3. That prosecutions under this act shall be in the police court of said District upon information filed by the attorney for said District or one of his assistants.

Approved, March 1, 1890.

JOINT RESOLUTION authorizing the Commissioners of the District of Columbia to alter, amend, or repeal certain health ordinances.

*Resolved by the Senate and House of Representatives of the United States of America in Congress assembled,* That the Commissioners of the District of Columbia be, and they are hereby, authorized and empowered, in making regulations under the authority conferred by Congress, to alter, amend, or repeal any of the ordinances of the late board of health of said District which were legalized by joint resolution approved April twenty-fourth, eighteen hundred and eighty, whenever in their judgment the public interest requires it.

Approved, February 28, 1899.

REGULATIONS OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA RELATING TO PUBLIC HEALTH.

OFFICE OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,  
Washington, July 18, 1887.

ORDERED.

The Commissioners having learned that a dangerous communicable disease prevails among domestic animals in the vicinity of the District, which by contagion or

transportation may affect the general health and safety, the Commissioners in pursuance of the provisions of section 8 of the act approved May 29, 1884, order the following measures for the prompt suppression of the same:

1. Upon the recommendation of the Commissioner of Agriculture the Chief of the Bureau of Animal Industry in the U. S. Department of Agriculture is hereby authorized and empowered to act as veterinarian for the District of Columbia for the purposes named in the act above quoted.

2. So much of the rules and regulations prepared by the Commissioner of Agriculture in accordance with the requirements of the act aforesaid, and published under date of April 15, 1887, as are applicable to the District of Columbia are hereby approved and adopted by the Commissioners as the regulations for the District: *Provided*, That wherever said regulations require report to and action by the Commissioner of Agriculture, the Chief of the Bureau of Animal Industry, acting as veterinarian for the District, shall submit the requisite reports and recommendations for the consideration of and action by the Commissioners of the District of Columbia.

3. The legally appointed agents and inspectors of the Bureau of Animal Industry are hereby empowered, under the direction of the Chief of the Bureau, to discharge corresponding duties for the District of Columbia, and all citizens of the District are hereby directed and required to recognize and respect the said Chief of Bureau and his duly appointed agents as lawful officers of the District.

4. The said Chief of Bureau and his agents are authorized to inspect any premises in the District of Columbia where it is believed there exists any contagious, infectious, or communicable disease among any domestic animals, and, if found needful, to order the temporary quarantine of said animals, to cause premises to be disinfected, and, if necessary, to condemn the animals to be killed in order to prevent the spread of the disease.

5. The proceedings for the appraisal of the value of animals condemned to be killed shall be had under the provisions of sec. 8 of the regulations.

6. The Chief of Bureau aforesaid, acting as veterinarian for the District, shall make to the Commissioners monthly reports of all matters relating to the subject of this order within the District of Columbia, and in addition thereto special reports and recommendations as often as shall be needful for the information of the Commissioners to enable them to carry into effect the provisions of the law.

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REGULATIONS FOR THE SUPPRESSION AND PREVENTION OF CONTAGIOUS, INFECTIOUS, AND COMMUNICABLE DISEASES AFFECTING DOMESTIC ANIMALS IN THE DISTRICT OF COLUMBIA.

OFFICE OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,  
Washington, August 21, 1888.

Whereas the eighth section of the act of Congress approved May 29, 1884, entitled "An act for the establishment of a Bureau of Animal Industry, to prevent the exportation of diseased cattle, and to provide the means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases among domestic animals," authorizes and requires the Commissioners to take measures for the prompt suppression of all contagious, infectious, and communicable diseases affecting domestic animals in the District of Columbia, to prescribe regulations for disinfection, and such other regulations as they may deem necessary to prevent infection and contagion, as provided in said section, do ordain, declare, and publish the following:

*Ordered*: That all persons having the care or custody of any domestic animal in the District of Columbia affected or supposed to be affected with any infectious, contagious, or communicable disease shall isolate and forthwith report the same to the Chief of the Bureau of Animal Industry of the Department of Agriculture, or to some officer of said Bureau in said District, designating the place where the same may be found, and shall place the same at his disposal and observe and follow such directions as such chief or officer shall prescribe in such case.

2. That it is hereby made the duty of all veterinary surgeons in said District and sanitary inspectors of the health department of the District, and of every member of the Metropolitan police force, to inquire and report upon all known or suspected cases referred to in section 1 of this order.

3. That if any person or persons having the care or custody of any domestic animal in said District, affected or supposed to be affected as aforesaid, shall secrete or conceal the same or use any device to conceal the same or mislead the persons or officers who are charged with any duty in reference to such domestic animals, and all persons aiding therein, shall each suffer the penalty hereinafter prescribed.

4. That the Chief of the Bureau of Animal Industry only may cause the death of any so diseased or supposed to be diseased animal in said District upon orders, oral or written, from him for the death of such animal, and shall also prescribe the mode and place of such death, which shall be strictly pursued in the destruction of said animal, and the bodies of such animals so killed shall be removed by the health officer of the District upon notice from said chief.

5. That every person who shall violate any of the provisions of this regulation shall be fined in any sum not less than ten nor more than twenty-five dollars for each offense, to be enforced in the police court of the District of Columbia, in the name of the District, on information, etc.

#### REGULATIONS GOVERNING THE COLLECTION AND DISPOSITION OF GARBAGE.

##### [Art. XIV. Police Regulations.]

##### OFFICE OF THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,

*Washington, April 1, 1895.*

Whereas the Commissioners of the District of Columbia were authorized by an act, approved March 2, 1895, to make necessary regulations for the collection and disposition of garbage in said District, and to annex thereto such penalties as will secure the enforcement thereof, the following regulations, to take effect May 1, 1895, are hereby promulgated for the guidance of all concerned.

It is hereby ordered that:

SECTION 1. The word garbage, wherever it occurs in these regulations, shall be held to mean the refuse of animal or vegetable matter which has been used or intended for food.

SEC. 2. Occupants of dwelling houses, proprietors of boarding houses, commission warehouses, hotels, restaurants, and other places where garbage is accumulated, and owners or occupants of apartment or tenement houses shall provide for the use of such premises a sufficient number of water-tight metal receptacles to contain all garbage which may accumulate on said premises during the usual interval between the collections of garbage therefrom, and shall keep such receptacles at all times water-tight and in good repair. Each such receptacle shall have a tight cover provided with a handle. No person without a permit from the health officer shall use for the reception of garbage any receptacle having a capacity of less than three or more than ten gallons, nor more than one receptacle containing less than ten gallons.

SEC. 3. Occupants of any dwelling house, apartment or tenement house, and each proprietor of any boarding house, commission warehouse, hotel, restaurant, and other place where garbage is accumulated shall cause all garbage from his or her premises to be put into the receptacle provided for that purpose. Each person aforesaid shall cause such receptacle to be kept covered at all times and to be placed and to remain, between the hours of seven o'clock a. m. and six<sup>1</sup> o'clock p. m. of each day on which the collection is made from his or her premises, in such position as to be easily accessible to the garbage collector or as may be designated by the health officer. No person shall place or cause to be placed in any garbage receptacle any substance other than garbage.

SEC. 4. Owners of premises from which garbage is to be removed, having street and alley entrances, shall place conspicuously at the alley entrance thereof the street and number designations in letters and figures, respectively, not less than two inches in height, so as to be easily read.<sup>2</sup>

SEC. 5. It shall be unlawful for any person to alter, deface, or destroy any name of any street or number required to be displayed by these regulations.

SEC. 6. It shall be the duty of any person or persons having possession, custody, or care of meat, fish, vegetables, or provisions of any kind intended for sale as food, but which has become unfit for such use, to forthwith remove such meat, fish, vegetables, or provisions to such place as has been designated by the health officer for such purpose. It shall be unlawful for any person or persons to knowingly bring or cause to be brought into the District of Columbia any diseased, spoiled, or decayed meat, fish, vegetables, or provisions of any kind intended for food.

SEC. 7. No driver, owner, or superintendent having charge or control of any cart or other vehicle for carrying garbage shall allow such cart or vehicle to needlessly remain, nor allow a needless number of such carts or vehicles to gather before any

<sup>1</sup> Amendment of April 22, 1895.

<sup>2</sup> Amendment of May 6, 1895.

residence, building, or place of business within the city of Washington or the more densely populated suburbs thereof; nor allow any such cart or vehicle or anything thereto appertaining to be in a condition needlessly filthy or offensive; nor allow any such cart or vehicle or implement used in connection therewith to be stored or kept in any place where needless offense is given to any person or persons. No driver of any such cart or vehicle shall occupy an unreasonable length of time in loading or unloading such cart or vehicle or in passing along any alley, street, avenue, or public road; nor allow the lid or cover of such cart or vehicle to be otherwise than securely closed except as may be necessary for the loading or unloading and cleaning of such cart or vehicle.

SEC. 8. No person other than the owner or authorized collector shall interfere with or disturb any garbage after it shall have been put in a garbage receptacle and placed in an accessible place for collection; nor shall any unauthorized person molest, hinder, delay, or in any other manner interfere with any garbage collector in the discharge of his duty.

SEC. 9. No person or persons other than such as hold permits from the health officer shall haul any garbage through or over any street, alley, or avenue in the city of Washington or its more densely populated suburbs, and each cart or other vehicle used for such purpose shall have the word "garbage" and the number of the permit in large white letters on a black ground plainly painted or attached to each side of the wagon bed. No cart or other vehicle shall be used for the collection of garbage except such as are water-tight and provided with tight-fitting covers and such as have been approved by the health officer.

SEC. 10. Any person violating any of the provisions of these regulations shall, on conviction thereof in the police court, be punished by a fine of not less than one nor more than fifty dollars for each and every offense, and in default of payment of such fine shall be imprisoned in the workhouse of the District of Columbia for not more than thirty days.

REGULATIONS CONCERNING THE FORM OF APPLICATION FOR REGISTRATION AND PERMISSION TO COMMENCE OR TO CONTINUE BUSINESS, AND THE EVIDENCE TO BE ADDUCED IN SUPPORT THEREOF, FOR MEDICAL AND DENTAL COLLEGES NOT INCORPORATED BY SPECIAL ACTS OF CONGRESS.

OFFICE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,  
Washington, D. C., July 31, 1896.

*Ordered:* In compliance with the requirements of the act entitled "An act to provide for the incorporation and regulation of medical and dental colleges in the District of Columbia," approved May 4, 1896, the following regulations are promulgated concerning the form of application for registration and a permit to commence or continue business, and the evidence to be adduced in support thereof, required by said act to be made and adduced by the officers of each medical or dental college not incorporated by special act of Congress, desiring to commence or to continue business in said District:

1. Application shall be made in writing, in ink; shall be signed by the president and secretary of the board of trustees of the college for which registration and a permit is asked, and must be accompanied by a certified copy of the articles of incorporation of such college; or, if such college has not yet been incorporated, shall be signed by each of the proposed incorporators and accompanied by a copy of the proposed articles of incorporation.

2. Each application shall state the amount of capital stock of the college and the amount of such stock paid in, or otherwise show the financial responsibility of the organization.

3. Each application shall state whether a permit is desired to commence or to continue business.

4. Each application shall state at length—

A. The conditions required of applicants prior to admission to courses of study.

B. The branches of medical science which are, or are to be, included in the course of instruction, with a statement of the time allotted to each branch and the name of the person or persons who are to instruct in it.

C. The minimum requirements of each student prior to the issue of a diploma or certificate of attendance to him, specifying in detail as to attendance upon lectures, quizzes, examinations, laboratory work, and clinical instruction.

D. The facilities for instruction. Under this head should be given at length a statement as to—

(a) The names of those connected, or to be connected, with the college in the

capacity of professors, instructors, demonstrators, etc.; the names and locations of each medical college which has conferred upon any such person any degree or any certificate of attendance upon lectures in medicine, and the date and character of such degree or certificate; the names and locations of each hospital or dispensary with which any such person has been connected, stating those with which he is connected at the present time.

(b) The location of the premises which are intended to be used for college purposes.

(c) The facilities for practical instruction in anatomy, chemistry, histology, pathology, bacteriology, and the facilities for clinical instruction in medicine, surgery, obstetrics, and similar branches.

Application for registration and a permit to continue business shall state, in addition to the foregoing:

5. The name of each graduate who has received a degree, and the date and character of such degree; the time spent by such graduate as a student at the college making application; the time spent by each such graduate at other medical colleges prior to obtaining such degree; the names of such other medical colleges, the time of attendance, and whether such attendance was attested by a certificate from such college, or otherwise.

6. The names of other colleges, so far as may be known, which have recognized degrees or certificates of attendance issued by the college making application.

7. Application having been duly executed in accordance with the above requirements, must be accompanied by the affidavits of those signing such application, that the statements contained therein are true to the best of their knowledge and belief.

#### REGULATIONS CONCERNING THE USE AND OCCUPANCY OF BUILDINGS AND GROUNDS.

##### OFFICE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,

*Washington, April 22, 1897.*

*Ordered:* That pursuant to the "Joint resolution to regulate licenses to proprietors of theaters in the city of Washington, District of Columbia, and for other purposes," the following regulations concerning the use and occupancy of buildings and grounds in the District of Columbia are hereby made:

1. That it shall be and is hereby made the duty of the owner of any premises or building situated in the District of Columbia to provide and furnish such premises and building with adequate facilities for heating, ventilating, and lighting the same, and with proper and sufficient water-closets or privies; to keep the roof thereof tight and in good repair; and to cause the yard or area, or both, to be so graded and paved that all drainage shall flow freely from all parts of it into such sewer traps as may have been provided for that purpose, or if there be none, shall flow away from any inhabited building on such premises.

2. That it shall be the duty of every person occupying any premises, or any part of any premises, in the District of Columbia, or if such premises be not occupied, of the owner thereof, to keep such premises or part, and all buildings, yards, stables, grounds, and outhouses connected therewith, clean and wholesome; if, upon inspection by the health officer or an inspector of the health department it be ascertained that any such premises, or any part thereof, or any building, yard, stable, grounds, alley, or outhouse connected therewith is not in such condition as herein required, the occupant or occupants of such premises or part, or the owner thereof, as herein-before specified, shall be notified thereof and required to place the same in a clean and wholesome condition; and in case any person shall fail or neglect to place said premises or part in such condition within the time allowed by said notice he shall be liable to the penalties hereinafter provided.

3. That no person, being the owner, proprietor, lessee, manager, or superintendent of any store, factory, workshop, or other structure or place of employment where workmen or workwomen are employed for wages, shall cause, permit, or allow the same, or any portion or apartment thereof, or any room therein, to be overcrowded, or inadequate, faulty, or insufficient in respect of lighting, heating, or ventilation. Every such store, factory, workshop, or place, shall be kept in a clean and wholesome condition, and, as far as practicable, free from all gases, vapors, dust, or other impurities generated by manufacturing processes or otherwise and injurious to health. Sufficient and separate urinals and privies shall be provided for male and female employees.

4. That no person shall, in the District of Columbia, use any building for any purpose for which it has not been lawfully used for a period of thirty days, at least, immediately preceding the promulgation of these regulations, unless said building is located and constructed in accordance with the requirements of the laws, building regulations, and health ordinances in force in this District governing the location and construction of buildings intended to be used for such purposes.

5. That no room in any tenement or lodging house shall be occupied as a sleeping room unless there are at least four hundred feet cubic contents for each person therein not less than ten years of age. The health officer is hereby authorized, if in his judgment it is necessary to secure compliance with this requirement, to cause to be affixed to or near the door of each such room a placard stating the number of occupants allowed under this regulation, and shall, in any case where such placard has been affixed, cause a notice stating such number to be served on the owner, agent, or person having charge of the premises. No person having authority to prevent shall permit to occupy any such room as a sleeping room any greater number of persons than are specified on such placard, if any, or otherwise authorized under this section.

6. That it shall be the duty of the owner or owners of every tenement or lodging house to provide a suitable place or places in connection therewith for the reception of garbage and other refuse matter.

7. That whenever there shall be more than five families residing in any tenement house in which the owner does not reside, there shall be placed therein by the owner or owners, lessee or lessees thereof, when required by the Commissioners of the District of Columbia, a janitor, housekeeper, or some other responsible person who shall reside in said house and have charge thereof.

8. That no person shall use any tenement or lodging house or any portion thereof as a place of storage for any combustible article or any article dangerous or detrimental to health.

9. That no old rags, paper, or other like refuse material, gathered or recovered from any source, shall be brought into or allowed to remain within any building used as a dwelling.

10. That the health officer shall examine or cause to be examined any building supposed or reported to be in an unsanitary condition, and make a record of such examination; of the location of the building; the purposes for which it is used, and the names of the owner and lessee and occupant. If after such examination, he shall deem any structure or building, or part thereof, or appurtenance thereto in such condition as to endanger the health of the inmates thereof, or of those living in the vicinity, he shall serve upon the occupants a notice requiring a vacation of said structure or building, and also serve or cause to be served a notice in writing upon the owner, agent, or other party having interest in said structure, requiring the same to be put in proper condition within such time as he may direct; and it shall thereupon be the duty of said interested party or parties to comply with and execute the order of the health officer under the penalties for failure as provided by section twelve of these regulations, unless an appeal be taken as hereinafter provided. Upon deposit of thirty dollars to cover fees for an examining commission, the interested party may appeal within forty-eight hours in writing to the Commissioners of the District, who shall appoint a commission to determine the question at issue; said commission shall consist of two disinterested and competent physicians and one architect, residents of the District, who shall be paid for their services not exceeding ten dollars each upon the certificate of the health officer. In case of a decision adverse to the appellant, it shall be the duty of the appellant to comply therewith when duly notified thereof in writing by the health officer.

11. That the term "tenement" wherever used in these regulations, shall be held to mean any building or portion thereof which is occupied or is intended for occupation as the residence of more than two families living independently of one another and doing their cooking upon the premises; and the term "lodging house," wherever used in these regulations, shall be held to mean any building or portion thereof in which persons are lodged for hire for less than a week at one time.

12. That any person violating, or aiding or abetting in violating any of the provisions of these regulations, or interfering with, or preventing any inspection authorized thereby, shall be deemed guilty of a misdemeanor, and shall, upon conviction in the police court, be punished by a fine of not more than one hundred dollars, or by imprisonment in the workhouse for not more than ninety days, or by both such fine and imprisonment, in the discretion of the court.

## REGULATIONS FOR THE GOVERNMENT OF DAIRIES AND DAIRY FARMS.

OFFICE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,  
*Washington, July 31, 1897.*

*Ordered:* That the following regulations made by the health officer of the District of Columbia, pursuant to the requirements of section 11 of "An act to regulate the sale of milk in the District of Columbia, and for other purposes," approved March 2, 1895, in lieu of the regulations on the same subject made and approved June 26, 1895, are hereby approved:

Sec. 1. No building or space shall be used for dairy purposes which is not well lighted and ventilated, which is not provided with a suitable floor; and, if such room or space be a cellar or subcellar, or be located in a cellar or subcellar, which is not properly concreted, guttered, and drained.

Sec. 2. No dairy shall be located or maintained within any kitchen, wash room, workshop, or inhabited room, nor in proximity to any water-closet, privy, cesspool, or urinal, nor in any room or space which is not of such size and construction as to permit the entire separation of all milk and milk products, both in the process of handling and storing the same, from all probable sources of contamination, either by dirt, noxious gases, infective organisms or substances or anything liable to alter unnecessarily the quality of such milk or milk products.

Sec. 3. Every person maintaining a dairy shall provide for the use thereof, and shall use, a sufficient number of receptacles, made of nonabsorbent material, for the reception, storage, and delivery of milk, and shall cause them to be kept clean and wholesome at all times; and having delivered any such receptacle to a consumer shall not again use the same for the reception, storage, or delivery of milk or cream in any form until it has been, to his personal knowledge, properly cleaned after such use.

Sec. 4. Every person maintaining a dairy shall provide for the use thereof a supply of pure and suitable water, sufficient for the proper washing of all cans, bottles, and appliances.

Sec. 5. Every person maintaining a dairy shall keep the same and all appurtenances thereto clean and wholesome at all times, and shall change the water in the coolers at least once each day.

Sec. 6. No building shall be used for stabling cows for dairy purposes which is not well lighted, ventilated, drained, and constructed, or which is not provided with stalls or with proper stanchions for anchoring the cows so arranged as to allow not less than three and one-half feet width of space for each milch cow; or which is not provided with good and sufficient facilities for feeding the animals in a cleanly manner; or which contains less than six hundred cubic feet clear space for each cow, unless the use of such building for stabling cows for dairy purposes has been authorized prior to the promulgation of these regulations, in which case it shall contain not less than five hundred cubic feet clear air space for each cow.

Sec. 7. No room shall be used for stabling cows for dairy purposes which contains any water-closet, privy, cesspool, urinal or manure pit, nor shall any fowl, hog, horse, sheep, or goat be kept in any room used therefor.

Sec. 8. Every person using any premises for keeping cows for dairy purposes shall, when so directed by the health officer, erect and maintain in the stable, stall, shed, or yard connected therewith one or more proper receptacles for drinking water for such cows, and shall keep the same supplied with clean, fresh water and none other.

Sec. 9. Every person using any premises for keeping cows for dairy purposes shall keep the entire premises clean and in good repair, and the buildings well painted or whitewashed.

Sec. 10. Every person using any premises for keeping cows for dairy purposes shall cause the dung to be removed from the stables at least twice daily, and always within one hour preceding every milking of the cows; and shall not allow any accumulation of dung within the building occupied by the cows, but shall, whenever in the opinion of the health officer it is required by local conditions and surroundings, provide temporary storage for the same and for other refuse in a separate place, which shall be covered, and which, when so ordered by said health officer, shall be a water-tight receptacle.

Sec. 11. Every person keeping cows for dairy purposes within the city of Washington or its more densely populated suburbs, or elsewhere in the District of Columbia, if, in the opinion of the health officer, local conditions require it, shall cause the inclosure in which such cows are kept to be graded and drained so as to keep the surface reasonably dry and to prevent the accumulation of water therein, except as may be permitted for the purpose of supplying drinking water; and shall not permit any garbage, urine, fecal matter or similar substance to be placed or to remain in such inclosure, nor any open drain to run through it.



Sec. 12. Every person keeping cows for the production of milk for sale shall cause them to be kept clean and wholesome at all times, and shall cause the teats and, if necessary, the udder to be carefully cleaned by brushing, washing, or wiping before milking, and shall cause each such cow to be properly fed and watered.

Sec. 13. Any person using any premises for keeping cows for dairy purposes shall provide and use a sufficient number of receptacles, of nonabsorbent material, for the reception, storage, and delivery of milk, and shall keep them clean and wholesome at all times, and at milking time shall remove each receptacle, as soon as filled, from the stable or room in which the cows are kept; nor shall any milk or cream be stored or kept within any room used for stabling cows or other domestic animals.

Sec. 14. It shall be the duty of every person having charge or control of any premises upon which cows are kept to notify the health officer of the District of Columbia of the existence of any contagious or infectious disease among such cows, by letter delivered or mailed, within twenty-four hours after the discovery thereof, and to thoroughly isolate any cow or cows so diseased or which may reasonably be believed to be infected, and to exercise such other precautions as may be directed, in writing, by said health officer.

Sec. 15. Milkers and those engaged in the handling of milk or cream shall maintain strict cleanliness of their hands and persons while milking or while so engaged. It shall be the duty of every person holding a permit to maintain a dairy or dairy farm to enforce this regulation in reference to such persons as may assist them in the maintenance thereof.

Sec. 16. That any person violating any of the foregoing regulations shall, on conviction thereof in the police court, be punished by a fine of not more than ten dollars for each and every such offense, to be collected as other fines and penalties are collected.

Sec. 17. That the regulations for the government of dairies and dairy farms in the District of Columbia, promulgated June 26, 1895, are hereby repealed.

## DECISIONS OF THE COURT OF APPEALS.

### RELATIVE TO THE SALE OF MALT EXTRACTS.

Laidler Mackall and Quentin Mackall, plaintiffs in error, *v.* the District of Columbia.

#### INTOXICATING LIQUORS; MEDICINAL PREPARATION; STATUTORY CONSTRUCTION.

1. Every word of a statute is to receive effect and to be construed according to its ordinary and natural signification, and the strict letter is not to be departed from without good and sufficient cause; but when a thing is not within the meaning and purpose of the statute, although perhaps within the strict letter, it will not be construed as included in the enactment.
2. A medicinal preparation, used exclusively as such, and not as an intoxicant, is not an "intoxicating liquor" within the meaning of the Act of Congress of March 3, 1893, although it contains a percentage of alcohol and may produce intoxication if taken in sufficient quantities.

No. 944. Decided April 3, 1900.

In error to the police court of the District of Columbia. Reversed.

Mr. Wm. C. Wells and Mr. J. J. Darlington for the plaintiffs in error.

Mr. A. B. Duvall, attorney for the District of Columbia, and Mr. Clarence A. Brandenburg, assistant attorney for the defendant in error.

Mr. Justice Morris delivered the opinion of the court:

The plaintiffs in error were arraigned in the police court of the District of Columbia under an information which charged them with the sale of certain intoxicating liquors without the written prescription of a reputable physician, they being druggists, in violation of the act of Congress approved March 3, 1893, for the regulation of the sale of intoxicating liquors in the District of Columbia. This act contains the following provisions:

"Sec. 1. Be it enacted, etc., that no person shall sell, offer for sale or keep for sale or traffic in, barter, or exchange for goods, in the District of Columbia, any intoxicating liquor, except as hereinafter provided; but this shall not apply to sales made by a person under a provision of law requiring him to sell personal property, nor to sales by the maker, brewer or distiller thereof, not to be drunk on the premises. Wherever the term 'intoxicating liquors' is used in this act, it shall be deemed to include whiskey, brandy, rum, gin, wine, ale, porter, beer, and all other fermented and distilled liquors.

"Sec. 11. That druggists and apothecaries shall not be required to obtain license

under the provisions of this act, but they shall not sell intoxicating liquors, nor compound nor mix any compound thereof, except upon the written prescription of a reputable physician, nor more than once on any one prescription of the physician," etc.

On the trial in the police court it was proved, and it is not denied to be the fact, that the defendants (the plaintiffs in error here) sold one bottle of malt extract known as "Braunschweiger Munime Malt Extract," without a physician's prescription therefor; and the one question in the case is whether this malt extract was an intoxicating liquor within the meaning of the act of Congress prohibiting the sale by druggists without prescription.

Testimony was adduced in the police court to show the nature of the extract. The testimony on behalf of the District was that of its chemist; and it is thus stated in the record before us:

"That he had made an analysis of the contents of the said bottle of Braunschweiger Munime Malt Extract in order to ascertain its alcoholic strength, and had found that the same contained alcohol in the proportion of three and thirty-five hundredths per cent (3.35) by weight and four and nineteen hundredths per cent (4.19) by volume; that he had made no analysis in order to determine other constituents of the said liquid; that the amount of alcohol contained in the liquid rendered it an intoxicant if taken in sufficient quantities, and was about the same as ordinarily contained in beer; that malt extract was produced by a process of fermentation of malted barley and other ingredients similar to the process of producing beer; that malt extract was ordinarily used as a medicine and not as an intoxicant, but could be used as an intoxicant."

The testimony on behalf of the defendants tended to show substantially that Braunschweiger Munime Malt Extract was extensively used as a medicine possessing valuable qualities, and recommended as such by the medical profession, and was not used as an intoxicant, but exclusively as a medicine; that it was believed that it could not well be used as an intoxicant, for the reason that a sufficient quantity could not be taken into the stomach to procure intoxication before nausea would result; that the percentage of alcohol in it was variable, depending on the age of the extract and the means adopted to arrest fermentation; that the active and valuable agent in it was diastase, which possesses the power to convert starchy foods into grape sugar and is a great aid to digestion; that this diastase was used up in the manufacture of beer; that for this reason, and in consequence of the existence of other extractive matters, the malt extract differed essentially from beer and other malt liquors; that the malt extract in question was sold exclusively by druggists; that it was a proprietary medicine registered with the United States Internal-Revenue Bureau, and bore as such an internal-revenue stamp; and that no liquor license had ever been required for its sale.

Upon this testimony an instruction to the jury was asked on behalf of the defendants to the effect that, in order to constitute a violation of the act of Congress of March 3, 1893, regulating the sale of intoxicating liquors in the District of Columbia, the malt extract in question must be identical with whisky, brandy, rum, gin, wine, ale, porter, beer, or some other fermented or distilled liquor of a like kind, and if not identical with the liquors mentioned specifically, must be such as is ordinarily used as an intoxicating liquor and not as a medicine. This instruction the court refused to give; and the defendants excepted.

The court then charged the jury of its own motion. In the charge, referring to a text-book on intoxicating liquors, which it cited, it proceeded to say:

"The meaning of this term (intoxicating liquors) is in some instances prescribed in the statute itself (as in this case), and when that is the case there is no room for further inquiry into its scope, nor are the courts called upon to construe it; in other words, it is not a question with you whether it took a certain amount to intoxicate or not. The law itself tells you what it means by intoxicating liquors. You have only to decide the question of fact, and the only question of fact that presents itself here is whether this article was purchased from the defendant within the time named without the prescription of a reputable physician. Let me read to you further from this authority. Neither in the face of the statutory definition is it permissible to examine into the actual intoxicating properties of any liquor named or indicated in the law. In other words, this authority says you have nothing to do with the question as to whether it is intoxicating or not. The lawmakers have the right to define it, and after it is defined the courts have nothing to do with it. The law does not intend to include toilet articles like cologne or anything of that kind. It is not intended to include articles that are not intended to be used as a beverage. If you find from the evidence that the defendant sold the article, and that it is included within the terms I have read to you, and that it was sold without the prescription of

a reputable physician, then there is nothing for you to do but to bring in a verdict of guilty; if not, you must acquit. In considering the case you must consider it as you do all other criminal cases; you must give the defendant the benefit of all reasonable doubt."

Exception was taken by the defendants to the charge as a whole. Under the strict rules of law, this exception, of course, could not be considered by us, inasmuch as there are statements in the charge which are plainly unexceptionable in point of law. But as the case is admitted by both parties to be a test case to procure a judicial construction of the law, counsel for defendant in error have waived in open court all technical objection to the appeal on this account, and the parties have agreed that the charge of the court below should be considered as though exception had been duly taken to each and every statement of the law antagonistic to the contention of the plaintiffs in error.

The jury rendered a verdict of guilty, as it could scarcely have failed to do under the charge, since the only question of fact left to be determined by it was not contested by the defendants, and seems to have been virtually admitted by them. The defendants were thereupon sentenced to pay a fine of \$250, and in default of payment to be committed to the workhouse for sixty days. From that judgment they have appealed to this court.

The matter of the regulation, and even the prohibition, of the sale of intoxicating liquors, notwithstanding the grave arguments against the expediency of legislative action on the subject, and notwithstanding the still graver arguments based upon the assumed encroachment of such legislation upon individual freedom and natural right, is now generally conceded to be a proper subject for legislative control. Accepting, as we do to its fullest extent, the right of the lawmaking power to legislate upon the subject, we think that its enactments should be so construed as to effect most fully the beneficent purpose sought to be subserved and not in such manner as ultimately to thwart and nullify the law. Evasions of the statute can not be allowed any more than open violations of it; and the druggist can not be allowed, by a mere change of name of the article or a merely specious alteration of its constituent elements, to supersede the ordinary liquor dealer. It is not apparent that any good purpose would be subserved by the allowance of a free dispensation of intoxicating liquors by a druggist under some more specious names than they now bear, while the same right is denied to the grocer or the tavern keeper.

At the same time, the law must be given a reasonable interpretation; an unreasonable interpretation would only serve to bring it into discredit, and would thereby ultimately thwart the laudable purposes of the lawmakers. For this reason we can not accept the doctrine that, when the meaning of the term "intoxicating liquors" is prescribed in a statute, there is no room for further inquiry into the scope of the words, and no room for construction by the courts. This statement of the law may be correct in a restricted sense. If, for instance, in the statute now before us, Congress had said that by the term "intoxicating liquors" they meant whisky, brandy, rum, gin, and wine, and then stopped short without mention of ale, porter, beer, or other fermented or distilled liquors, undoubtedly it would not be competent for the courts to add anything to the enumeration, notwithstanding there were other well-known intoxicating beverages equally injurious in their effect. But if, on the other hand, Congress had said that by the term "intoxicating liquors" they meant whisky, brandy, rum, gin, wine, ale, porter, beer, and mineral water, it would be exceedingly difficult to maintain the position that the courts could not inquire into the effect of the term "mineral water" in this connection.

It is well-settled law that every word of a statute is to receive effect and to be construed according to its ordinary and natural signification, and the strict letter is not to be departed from without good and sufficient cause; but it may be regarded as equally well-settled law that, when a thing is not within the meaning and purpose of a statute, although perhaps within the strict letter, it will not be construed as included in the enactment. The authorities are believed to be unanimous on this point. (See *United States v. Freeman*, 3 How., 556; *Heydenfeldt v. Mining Co.*, 93 U.S., 634; *United States v. Kirby*, 7 Wall., 482; *United States v. Stubblefield*, 40 Fed. Rep., 454; *Russell v. Sloan*, 33 Vt., 656; *King v. State*, 58 Miss., 737; *State v. Hammond*, 20 W. Va., 18; *Holmes v. State*, 20 Kan., 751; *State v. Canton*, 43 Mo., 48; *People v. Lacombe*, 99 N. Y., 43; *State v. Boyd*, 2 Gill & Johns., 375; *Mason v. Rogers*, 4 Littell (Ky.), 377; *Eyston v. Studd*, 2 Plowden, 464; *Am. & Eng. Encyc. of L.* (1st ed.), vol. 23, p. 414 *et seq.*, where numerous authorities upon the points are cited and collated.)

In the case of *State v. Boyd*, 2 Gill & Johns., 375, it was said: "Statutes are sometimes extended to cases not within the letter of them, and cases are sometimes excluded from the operation of statutes, though within the letter, on the principle that what is within the intention of the makers of the statute is within the statute,

though not within the letter, and that what is within the letter of the statute and not within the intention of the makers is not within the statute, it being an acknowledged rule in construction of statutes that the intention of the makers ought to be regarded."

In the statute now before us Congress undertook to enumerate the intoxicating liquors, the sale of which it sought to regulate and restrain. Those specially mentioned—whisky, brandy, rum, gin, wine, ale, porter, and beer—are well-known and ordinary intoxicants, the use of which for the purpose of intoxication, is universally recognized. But it was perfectly well aware that there were other similar or practically equivalent substances, the result of fermentation or distillation, used for the same purpose, and consequently, the sole purpose evidently being to prevent or restrict the vice of intoxication, it provided that "all other fermented and distilled liquors," which would have the same result, should be placed in the same category. Now, that in these general terms it was not intended by Congress to include all liquors produced by fermentation or distillation, but only all intoxicating liquors so produced, we regard as too clear for argument. If there are fermented or distilled liquors, which are not intoxicants, or which are not used or intended to be used as intoxicants, they were not within the intention of the lawmakers, and they can not reasonably be included in the statute, notwithstanding that they are comprised within the letter and within the express words of the statute. Attar of roses is a distilled liquor; vinegar is the product of fermentation; cologne, bay rum, tincture of gentian, extract of vanilla, extract of lemon, and numerous other substances are produced by distillation, and some of them have a very large element of alcohol. Even fresh water can be produced by distillation of the salt water of the ocean. All these undoubtedly are within the letter of the statute as fermented or distilled liquors; but it would be absurd to claim that they are within the meaning of the statute or within the intention of Congress.

It is conceded that toilet articles, such as cologne and bay rum, are not included in the statute. But why not? They are the result of distillation, and therefore plainly within the letter of the statute. Moreover, they are capable of intoxicating, are strongly alcoholic, and have been actually used for the purpose of intoxication. And yet it is conceded that they are not included in the statute because they are not intended to be used as intoxicants; their ordinary purpose is not for intoxication, and it is not a use, but an abuse of them, to apply them for the purpose of intoxication.

There is no testimony in the record to show that the malt extract here in question is now or ever was used as an intoxicant. On the contrary, the testimony is to the effect that it has never been so used, and that it is doubtful whether it could be so used in view of the ingredients contained in it, which would probably cause nausea before a sufficient quantity of the article could be taken into the stomach to cause intoxication. The testimony of the chemist for the District was that it would cause intoxication if a sufficient quantity of it was taken, but that he had not analyzed it further than to ascertain the percentage of alcohol. Consequently he was not competent to testify as to the effect of the other ingredients to neutralize the effect of the alcohol, and he did not attempt to testify on that point.

But, assuming that this malt extract can if taken in sufficient quantity be used as an intoxicant, although it is not shown even to have been so used, we are wholly unable to see why it should be regarded as an intoxicating liquor when cologne and bay rum, which have a larger percentage of alcohol, and are not only capable of being used as intoxicants, but have actually been so used, as we know by common notoriety, are not regarded as being in the same category. Why should an immunity be allowed to the more intoxicating toilet article which is denied to the medicine of lesser alcoholic quality? We think that it would be unreasonable so to construe the law as to include either.

We are not to be understood as holding that all malt extracts, or all articles that are so designated, are to be excluded from the category of intoxicating liquors. If the contention of the District be true that this malt extract, or any other malt extract, if taken in sufficient quantities can actually be used as an intoxicant, and in course of time it should come to be habitually, or at least frequently, used as an intoxicant, then, but not till then, will it be proper to include it in the category of fermented and distilled liquors mentioned in the statute. It was the purpose of Congress to deal only with recognized intoxicants and their practical equivalents, by whatsoever name known or under whatsoever fraudulent disguise or device concealed, and not to interfere with the free use of culinary, medicinal, or toilet articles, because they had inherent in them the possibility of being some day used as intoxicants. It is the function of the lawmaking power to deal with existing conditions, not with speculative possibilities.

From what we have said it follows that, in our opinion, there was error in the ruling of the police court, for which its judgment must be reversed. The cause will

be remanded to that court, with directions to vacate its judgment, to set aside the verdict, and for further proceedings therein in accordance with law and not inconsistent with this opinion. And it is so ordered.

## RELATIVE TO THE SALE OF ADULTERATED DRUGS.

The District of Columbia, appellant, *v.* Waddie E. Lynham.

### CRIMINAL LAW: ADULTERATION OF DRUGS.

In the trial of a prosecution under the act of Congress of February 17, 1898, entitled "An act relating to the adulteration of foods and drugs in the District of Columbia," proof of the sale and delivery of the medicine or drug by the defendant, or his possession thereof for purposes of sale, and that the same was adulterated within the meaning of the statute, make a *prima facie* case of guilt against the defendant; and it is no defense for the defendant to show that at the time of sale or of possession for sale he was ignorant of the fact of such adulteration.

No. 943. Decided February 7, 1900.

In error to the police court of the District of Columbia. Reversed.

Mr. A. B. Duvall, attorney for the District of Columbia, and Mr. Clarence A. Brandenburg, assistant attorney, for the plaintiff in error.

Mr. A. A. Lipscomb and Mr. M. J. Colbert for the defendant in error.

Mr. Chief Justice Alvey delivered the opinion of the court:

This case comes from the police court of this District on writ of error, and the question presented is whether the act charged against the defendant in error was a violation of the act of Congress of February 17, 1898, entitled "An act relating to the adulteration of foods and drugs in the District of Columbia."

The defendant in the court below was charged by information with selling a certain drug, to wit, "Hoffman's Anodyne," the same not being of the strength, quality, and purity as laid down and required by the United States Pharmacopœia, contrary to the act of Congress.

The defendant pleaded not guilty, and was tried by a jury and was acquitted. The District of Columbia brings up the case on writ of error.

The pharmacopœia referred to in the act of Congress and in the information against the defendant as furnishing the standard for testing drugs is a book of authoritative directions for the selection and preparation of substances to be used as medicines, including a list of the articles of the *materia medica*, with their character and tests. It is said that almost every civilized country of importance has its own pharmacopœia. The pharmacopœia of the United States is recognized by statute, and is drawn up by a national convention of delegates from medical societies and universities, and is revised, or intended to be revised, every ten years, and is considered an authoritative standard for determining the composition of drugs. The present current edition is that of 1890.

It appears by the bill of exception taken at the trial that the defendant, a druggist doing business in this city, sold to one Lynch a small bottle of "Hoffman's Anodyne," which upon analysis by the chemist for the health office of the District of Columbia was found to contain no ethereal oil, a necessary ingredient thereof, according to the United States Pharmacopœia. The defendant claimed, and he insisted upon the fact as a defense to the prosecution, that he had sold the anodyne to Lynch in the condition he received it from the manufacturer, without taking anything therefrom or adding anything thereto; "that he changed the drug when he received it into a bottle when he sold it to Lynch; that the ingredients in Hoffman's Anodyne were of such a character that the ethereal oil speedily disintegrated into sulphuric acid and alcohol, and that such disintegration frequently occurred before the Hoffman's Anodyne had reached the druggist from the manufacturer and without the bottle having been uncorked."

The prosecution showed in rebuttal that Hoffman's Anodyne would remain in perfect condition for two or three years; and then read in evidence from the United States Pharmacopœia, edition of 1890, and official, the composition of Hoffman's Anodyne, as follows:

"Spiritus Ætheris Compositus.

"Compound Spirit of Ether. (Hoffman's Anodyne.)

	i.	cc.
Ether, three hundred and twenty-five cubic centimeters.....		325
Alcohol, six hundred and fifty cubic centimeters.....		650
Ethereal oil, twenty-five cubic centimeters .....		25
To make one thousand cubic centimeters .....		1,000
"Mix them."		

At the close of the evidence, the court, at the instance of the defendant, instructed the jury that if they found that any of the ingredients of Hoffman's Anodyne was of such a nature that it would speedily disappear by evaporation or would disintegrate into alcohol and sulphuric acid, and that without knowledge on the part of the defendant said ingredients, or any of them, had disappeared by evaporation or disintegration, then the jury should acquit the defendant.

In giving such instruction we think there was manifest error. Indeed, it is plainly in contravention of the reason and spirit of the act of Congress, if not of the very letter of the statute. It is true the act is a stringent one in its provisions, but without such stringency it would be simply ineffectual as a means to accomplish the object proposed. To fully appreciate the real scope and intent of the act it may be well to quote those parts of it that have relation to the subject-matter of this prosecution.

Section 1 of the act provides: "That no person shall, within the District of Columbia, by himself or by his servant or agent, or as the servant or agent of any other person, sell, exchange, or deliver, or have in his custody or possession with the intent to sell or exchange, any article of food or drug which is adulterated within the meaning of this act." This provision, as will be observed, is positive in its terms.

Section 2 declares "That the term 'drug,' as used in this act, shall include all medicines for external or internal use—antiseptics, disinfectants, and cosmetics."

And by section 3 it is provided, "That an article shall be deemed to be adulterated within the meaning of this act: (a) In the case of drugs: First, if when sold under or by a name recognized in the United States Pharmacopoeia it differs from the standard of strength, quality, or purity laid down in the edition thereof at the time official; second, if when sold under or by a name not recognized in the United States Pharmacopoeia, but which is found in the German, French, or English pharmacopoeia, it differs from the strength, quality, or purity laid down therein; third, if when sold as a patented medicine, compounded drug, or mixture it is not composed of all the ingredients advertised or printed or written on the bottle, wrapper, or labels of or on or with the patented medicine, compounded drug, or mixture: *Provided*, That if the defendant in any prosecution under this act, *in respect to the sale of any such patented medicine, compounded drug, or mixture*, shall prove to the satisfaction of the court that he had purchased the article in question as the same in nature, substance, and purity as that demanded of him by the purchaser, and with a written warranty to that effect; that he had no reason to believe at the time when he sold it that the article was otherwise, and that he sold it in the same state as when he purchased it, he shall be discharged from the prosecution."

The Hoffman anodyne, it appears, is recognized and described in the United States pharmacopoeia, and is not of the third class and description of medicines and compounds referred to in the third section of the act of Congress; nor did the defendant attempt to make and establish the defense as provided in the proviso to the third section of the act may be done, "in respect to the sale of any such patented medicine, compounded drug, or mixture."

In the trial of a prosecution under this statute, it is incumbent upon the District of Columbia, in whose name the prosecution is conducted, to prove the sale and delivery of the medicine or drug by the defendant, or his possession thereof for purpose of sale, and that the same was adulterated within the meaning of the statute. The prosecution upon such proof makes out a prima facie case of guilt against the defendant; and it is no defense for the defendant to show simply that he was at the time of sale, or of possession for sale, ignorant of the fact of such adulteration of the drug or medicine. He must know what he sells, or proposes to sell, and that it conforms to the standard prescribed by law. As a registered druggist, he holds himself out to the public as being sufficiently skilled to know and understand of what constituents or ingredients the drugs and medicines that he offers for sale are composed, and especially in respect to all such drugs and medicines as are recognized and described in the pharmacopoeia. It is not in his month to say, when it is shown that the drug was impure or adulterated at the time of sale, that he was ignorant of the fact. If such defense could be allowed there would be no protection to the public against impurities and adulterations of drugs and foods. We all know, as matter of common knowledge, that adulterations of drugs and food have been carried to a fearful extent, and so serious has the evil become that the health and life of the people are frequently endangered. To correct the evil as far as possible, legislation has been resorted to in most of the civilized nations, and particularly in England and in most of the States of our Union. Such legislation, to be effective, must of necessity be of a very stringent character. It is passed in the exercise of the police power, hence, the fact of knowledge on the part of the party offending against the provisions of the statute, is almost universally regarded as quite immaterial to

the question of his liability. This is an established principle both in the English and American courts.

In the case of *Reg. v. Woodrow* (15 M. and W., 405), where a dealer in and retailer of tobacco, was held liable to the penalty prescribed by the statute, for having in his possession adulterated tobacco, although he had purchased it as genuine, and had no knowledge or cause to suspect that it was not so. The Stat. 5 and 6 Vict., ch. 93, under which the prosecution occurred, simply provided, by its third section, "that every manufacturer of, dealer in, or retailer of tobacco, who *shall receive or take into or have in his possession, or who shall sell*, send out or deliver any tobacco or snuff which shall have been manufactured with, or shall have had added thereto or mixed therewith, or into or amongst which there shall have been put, either before or after being manufactured, or in which there shall be found on examination thereof, any other material, liquid, substance, matter, or thing, than, as respects tobacco, water only," shall forfeit £200. That case was very fully argued, and Chief Baron Pollock, in the course of his opinion, said: "It appears to me that, in this case, it being within the personal knowledge of the party that he was in the possession of the tobacco, it is not necessary that he should know that the tobacco was adulterated; for reasons probably very sound, and not applicable to this case only, but to many other branches of the law, persons who deal in an article are made responsible for its being of a certain quality. If this were the case of provisions, or of any matter that affected the public health, it would not be at all unreasonable to require persons dealing in them to be aware of their character and quality, and to be responsible for their goodness, whether they know it or not—they are bound to take care. It appears to me that the section referred to, which creates this offense, namely, the third section of the 5 and 6 Vict., ch. 93, applies to this case, whether the party knew it or not." And of this opinion were all the other judges of that court.

The American cases which hold a similar doctrine to that just stated are numerous. They hold that a party forbidden to sell, or to keep for sale, any article of food or drug, adulterated and not according to a defined standard of purity, can not relieve himself from liability by showing that he sold or offered to sell the article without knowledge of its impurity or adulteration. He must be taken to know of what the article is constituted that he offers for sale. And unless the statute *expressly declares* that the party shall be convicted *only* upon its being shown that the *drug or medicine* was sold, or professed to be sold, by the defendant, *knowing it to be adulterated or impure*, the question of the knowledge of the defendant as to the adulteration or impurity of the article is wholly immaterial to the matter of guilt of the defendant. The purpose and policy of the statute is to prohibit unconditionally and unqualifiedly the sale of impure and adulterated drugs, and thus to protect the public against injury; and the safety to the public consists in the integrity, skill, and knowledge of the druggist, in the exercise of his professional employment. It is to secure these objects in the business of druggists that statutes have been passed in most of the States, of the stringent character to which we have referred. And without referring specially to the provisions of those statutes, and to the facts of each particular case, that has been decided thereon, it will suffice to refer to some of the leading cases upon the subject, where the principle may be found discussed. (*People v. Clipperley*, 101 N. Y. 634; *People v. Kibler*, 106 N. Y. 321; *Com. v. Farren*, 9 Allen, 489; *Com. v. Waite*, 11 Allen, 264; *Com. v. Smith*, 103 Mass., 444; *Com. v. Warren*, 160 Mass., 533; *Com. v. Gray*, 150 Mass., 327; *State v. Newton*, 50 N. Y. L. 549; *Brown v. Marshall*, 47 Mich., 576; *People v. Robey*, 52 Mich., 577; *Smith v. Hays*, 23 Ill. App., 244; *Walton v. Booth*, 34 La. Ann., 915; *State v. Campbell*, 64 N. H., 402.)

Without further comment, we conclude that the judgment of the court below must be reversed, and the cause be remanded for new trial; and it is so ordered.

Judgment reversed, and cause remanded.

#### RELATIVE TO THE STATUTORY LIABILITY OF OWNERS OF REAL ESTATE WITH REFERENCE TO BOX PRIVIES.

Thomas E. Waggaman, appellant, *v.* The District of Columbia.

##### CRIMINAL LAW—NUISANCES—PRIVIES.

The failure of the owner of property to remove the contents of foul and filthy privies on premises occupied by tenants under a lease is not made a misdemeanor or penal offense by section 16 of the act of Congress of January 25, 1898 (30 Stat., 231), in express terms; and such offense can not be implied from the possible or probable intention of Congress so to make it.

No. 950. Decided March 6, 1900.

In error to the police court of the District of Columbia. Reversed.  
Mr. Irving Williamson for the plaintiff in error.

Mr. A. B. Duvall, attorney for the District of Columbia, and Mr. Clarence A. Brandenburg, assistant attorney, for the defendant in error.

Mr. Justice Morris delivered the opinion of the court:

The appellant, Thomas E. Waggaman, was charged in the police court of the District with the maintenance of a nuisance, in the way of foul and filthy privies, on certain premises in the city of Washington, in alleged violation of section 16 of an act of Congress of January 25, 1898 (30 Stat., 231), entitled "An act to regulate in the District of Columbia the disposal of certain refuse, and for other purposes." It appeared in evidence that the appellant and another person, as tenants in common, were the owners of the premises indicated, which were in the actual occupation of their tenants by leases from them; that the appellant had been duly notified to abate the nuisance and had failed to do so; that his co-owner was absent from the District, and had not been served with any notice, and that there were three tenants, each renting for \$3 a month, and the cost of removal of the nuisance would be \$1 a month. The defense was merely the alleged illegality of the enactment under which the prosecution was had; but the appellant was held liable to the general penalty provided by the statute, and from the judgment of conviction, a bill of exceptions having been duly taken, he has appealed to this court.

As already indicated, and as stated in the information filed against the appellant, the sixteenth section of the statute is the part claimed to have been violated by the appellant. But it is necessary to consider the sixth, seventh, and fourteenth sections in connection with the sixteenth. The act, so far as is deemed applicable to the present case, is as follows:

"Sec. 6. That no person shall, in said District, deposit in any receptacle for filth in any privy any substance except human fecal matter, urine, and liquid house refuse, except for the purpose of disinfecting or deodorizing, and it shall be the duty of the occupant or occupants of any premises on which a privy is located, or, if such premises be unoccupied, of the owner or owners thereof, to keep the same and the contents thereof disinfected and deodorized at all times.

"Sec. 7. That no occupant of any premises in said District wherein is situated any privy, or, if such premises be unoccupied, no owner or owners thereof, shall permit the approaches to such privy, the walls, floors, seats, or fittings thereof to be in such a state or condition as to be a nuisance or annoyance to any person or persons, for want of proper cleansing thereof, nor allow any receptacle for filth used in connection with any privy to be filled within less than four inches of the top thereof.

"Sec. 14. That any person who shall violate or aid or abet in violating any of the provisions of this act shall be guilty of a misdemeanor, and upon conviction thereof be punished by a fine of not more than fifty dollars, or by imprisonment in the jail of the District of Columbia for not exceeding fifteen days.

"Sec. 16. That the term privy, as used in this act, shall be held to mean any building or part of a building used, or intended to be used, for the reception of human fecal matter or urine, and which is not connected with the public sewer or some duly authorized system of sewage disposal, so as to immediately remove such material from said building; that the owner or owners of the premises on which any such privy is situated shall be held liable for its erection and maintenance, in conformity to law, and for the removal of the contents thereof, as from time to time may be necessary; and if such owner or owners can not be found in the District of Columbia a notice of any work required by this act to be done, specifying a reasonable time for the performance thereof, shall be left with the agent of such premises, and if no such agent can be found in said District, such notice shall be mailed to the last known address of such owner or owners; and if the work specified in said notice be not done within the time allowed therein, the Commissioners of the District of Columbia are hereby authorized to cause such work to be done and to assess the cost thereof as a tax against the property benefited, which tax shall be carried on the regular tax roll of the District of Columbia, and shall be collected in the manner provided for the collection of other taxes."

It is very plain to us that sections 6 and 7 of the act have no bearing upon the appellant's case. He is not charged with the violation of either of them, and the record fails to develop a case in which either section would be applicable or pertinent. The prosecution professes to be exclusively under section 16 of the act, and must be supported, if at all, upon some express requirement of that section with which the appellant has failed to comply. There is only one provision in that section which has the semblance of such a requirement, and that is the part of the section wherein it is enacted "that the owner or owners of the premises on which such privy is situated shall be held liable \* \* \* for the removal of the contents thereof as from time to time may be necessary." The legislative command or pro-



hibition supposed to have been violated by the appellant must be found in these words, if at all, in the section or in the act.

But here there is plainly neither command nor prohibition. There is no command to the owner of the premises to abate the nuisance, and there is no prohibition upon him to maintain it. The provision is simply that he "shall be held liable" if he fails to remove it, or rather that he "shall be held liable for the removal of it." These are not the words by which a criminal offense is created. Crimes are not to be created by implication, even though they be only of the grade of misdemeanors, and only by implication could a command or prohibition be found in this provision to require a duty of the appellant for the failure to comply with which he could properly be subjected to proceedings in a court of criminal jurisdiction.

It may be conceded that the intention of the legislature is quite apparent to require a duty from the owners of premises in such cases; and there is no good reason why they should not be held to a rigid accountability for the performance of such duty when it is properly required from them. While the duty is primarily upon the occupants of premises to remove the nuisances which they themselves have created, we fail to see that any constitutional right or any principle of justice would be infringed by a requirement that, in proper cases, the owners of the premises should cause such removal. The hardship claimed to be thereby imposed upon the owners of property, amounting, as it is alleged or supposed, to virtual confiscation in some cases, is not worthy of serious consideration. If confiscation could be assumed to be justifiable in any contingency, it would be for the use, or rather the abuse, of the right of property in the maintenance of nuisances of the character here indicated, to the detriment and danger of a whole community.

But whatever may have been the intention of Congress in the enactment of the provision in question, or however large may be its power to legislate for the protection of the community against such nuisances as it is sought to prevent, it is very clear to us that the intention was not so far carried into effect as to constitute as a criminal offense such inaction or failure to remove a nuisance as is here shown on the part of the appellant. As we have said, criminal offenses can not be created by implication; this is a fundamental principle of our criminal jurisprudence. The command or prohibition must be direct and positive, and not merely to be elicited by inference or indirection from a loose statement which of itself imposes no duty upon the individual. Here the requirement is, not that the owner of premises must remove an alleged nuisance, under a prescribed penalty for failure to do so, but that he shall be held liable for such removal. If the statute were to be construed strictly, as it probably should be so far as it is a penal statute, the liability charged, or sought to be charged, upon the owner of the premises is for the removal of the nuisance, rather than for the failure to remove it. But the command of the statute, so far as there is command or prohibition, is that the party "shall be held liable," not that he shall remove a nuisance; and the violation of the provision would consist, not in his failure to remove the nuisance, but in some failure by someone, by the police court, perhaps, to hold him liable. The absurdity of this conclusion suffices to show how inapt to create a criminal offense the words are which are used in this provision of the statute under consideration.

It is unnecessary to consider the supposed constitutional question of inequality in the operation of the statute as between residents and nonresidents. We do not think that that question arises in this case, or that a determination of it is necessary for a determination of the case. It is sufficient to say that, in our opinion, the failure of the owner of the property to remove the alleged nuisance, under the circumstances developed in this case, is not made a misdemeanor or penal offense by the statute in express terms, and that we can not imply such offense from the possible or probable intention of Congress so to make it. If such was, in fact, the legislative intention, we may well say of it, *voluit sed non dixit*. But it is further apparent from the statute that the liability, whatever it was, which was imposed, or intended to be imposed, upon the owner of property in this connection, is inconsistent with the theory that a criminal liability was intended to be created by this clause of the act. The clause in full is "that the owner or owners of the premises upon which any such privy is situated shall be held liable for its erection and maintenance in conformity to law, and for the removal of the contents thereof as from time to time may be necessary;" from which it appears that the liability of the owner of the property for the removal of the contents of the privy is placed, so far as this clause is concerned, precisely upon the same basis as his liability for the construction of the privy according to the requirements. But the statute was careful not to leave the penal character of the liability for improper construction dependent upon this clause alone, or to any extent whatever.

There are other sections and provisions of the act specifically dealing with the matter of construction, and specifically providing what the owner shall or shall not do in that regard, and providing the penalty for his failure to conform with such requirements of the law; but there is no provision anywhere in the act outside of the clause in question prescribing it as the duty of the owner of the premises, when such premises are occupied by a tenant, to cause the removal of the contents of the privy. If, therefore, the failure of the owner of occupied premises to cause the removal of the contents of privies is by this act made a misdemeanor, punishable by fine and imprisonment, it is only by implication from the words of the clause which has been cited. But, as we have intimated, the creation of criminal offenses, even of the grade of misdemeanors, by implication would be something of a novelty in the law; and certainly can not be presumed in a statute where the lawmakers are specific enough when they seek to deal with other liabilities imposed upon the owners of property. Had they intended to make the act here charged a misdemeanor on the part of the owner, it would have been easy to say so in plain and explicit language that would have left no room for doubt. Penal statutes should be plain and unambiguous, and not depend upon construction for the determination of their character.

We are of opinion that no penal offense, such as the appellant was charged with, was created by the statute in question. The judgment appealed from must, therefore, be reversed, and the cause will be remanded to the police court, with directions to discharge the defendant and to quash the information against him; and it is so ordered.

#### RELATIVE TO THE SMOKE LAW.

William H. Moses et al., plaintiffs in error, *v.* The United States.

#### CRIMINAL LAW: PUBLIC NUISANCES: EMISSION OF SMOKE.

1. In an information charging a violation by the defendants of the act of February 2, 1899 (30 Stat., 812), declaring the emission of dense black or gray smoke from smokestacks or chimneys used in connection with any stationary engine, etc., within this District a public nuisance, and providing a punishment therefor, it is proper to allege that defendants, being occupants of premises used as a furniture store, did unlawfully cause, permit, and allow the emission of said smoke therefrom.
2. It was competent for Congress in the exercise of its power to enact regulations affecting the public peace, morals, health, and comfort within this District to declare the emission of dense black or gray smoke from smokestacks or chimneys a public nuisance, and punishable as an offense.
3. Nor is the act of Congress referred to void because of the proviso excluding from its application chimneys of buildings used exclusively for private residences, nor because of the limitation of the prohibited smoke to its emission from smokestacks or chimneys used in connection with stationary engines, steam boilers, or furnaces.
4. In a prosecution for violation of the act, evidence offered by defendants that they had attached to their furnace the best-known smoke-consuming appliance, but that neither it nor any other then known would prevent the emission of such smoke for a brief period while the fire was being started, provided soft coal be the fuel used, is irrelevant, and properly excluded.
5. What constitutes a public nuisance under the statute was primarily for Congress to determine and lastly a question of law for the court; and therefore questions calling for the opinions of witnesses as to whether the smoke was dangerous to health, life, or property, or constituted a public nuisance, were properly excluded.
6. It is no defense to a prosecution for the public nuisance declared by the act that neighboring occupants have not sustained injury to property or health therefrom. Nor does it matter that the smoke may not be constantly emitted, but only at intervals from day to day.

No. 977. Decided May 8, 1900.

In error to the police court of the District of Columbia. Affirmed.

Mr. Arthur A. Birney and Mr. H. F. Woodard for the plaintiffs in error.  
Mr. Thomas H. Anderson, United States attorney, for the District of Columbia,  
and Mr. Ashley M. Gould, assistant attorney, for the United States.

Mr. Justice Shepard delivered the opinion of the court:

This case comes before us on a writ of error to the police court of the District, to review a judgment of conviction under the provisions of the following act of Congress, approved February 2, 1899 (30 Stat., 812):

*"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That on and after six months from the passage of this act the emission of dense or thick black or gray smoke or cinders from any smokestack or chimney used in connection with any stationary engine, steam boiler, or furnace of any description within the District of Columbia shall be deemed, and is hereby declared, to be a public nuisance: *Provided,* That nothing in this act shall be construed as applied to chimneys of buildings used exclusively for private residences.

*"Sec. 2.* That the owner, agent, lessee, or occupant of any building of any description from the smokestack or chimney of which there shall issue or be emitted thick or dense black or gray smoke or cinders within the District of Columbia on or after

the day above named shall be deemed and held guilty of creating a public nuisance and of violating the provisions of this act.

"SEC. 3. That any person or persons violating the provisions of this act shall, upon conviction thereof before the police court of the District of Columbia, be punished by a fine of not less than ten dollars nor more than one hundred dollars for each and every offense; and each and every day wherein the provisions of this act shall be violated shall constitute a separate offense."

The information charges that the plaintiffs in error, William H. Moses, Harry C. Moses, and Arthur C. Moses, on January 22, 1900, "being then and there the occupants of a certain building used as a furniture store and situated on the southwest corner of Eleventh and F streets NW., in the city of Washington, in said District, to which said building there is attached a smokestack and chimney used in connection with a certain stationary engine, steam boiler, and furnace in said building, the said William H. Moses, Harry C. Moses, and Arthur C. Moses did then and there unlawfully cause, permit, and allow the emission into the open air, within said District, from the smokestack and chimney situated as aforesaid, certain thick and dense black and gray smoke, which was then and there a public nuisance, against the form of the statute in such case made and provided," etc.

The first assignment of error relates to the form of the information and is founded on the denial of a motion to quash.

The first section of the act which defines the offense, denominated a public nuisance, is plain and complete in its terms. The emission of thick or dense black or gray smoke is declared a nuisance per se and punishable as an offense.

Assuming that Congress had the power so to declare, all that is necessary in the information is, the allegation of the commission of the act, by the responsible party, in the language of the statute. *Evans v. United States*, 153 U. S., 584, 587; *Yeager v. United States* (present term).

In naming the persons responsible for the nuisance the information goes beyond the precise words of the second section, and properly so, because they are not necessarily so plain and exact in description as to require nothing more than their substantial repetition.

Instead of following the precise language of the section and charging the defendants as occupants of a certain building from the smokestack or chimney of which the objectionable smoke was emitted simply, as it is contended should have been done, the information charged that, being occupants, etc., they did "unlawfully cause, permit, and allow the emission," etc. We think this was correct pleading.

Whilst the strict letter of the statute may be broad enough to include all occupants of a building from the chimney of which such smoke might be emitted, as has been suggested on the argument—for example, the occupants as tenants of separate rooms or suites in a large office, hotel, or apartment building—it is clear that its meaning must be limited to such occupants as shall have had an agency in the control of the furnace producing the smoke.

Congress would not have the power to punish any mere occupant of a part of a building, who has nothing to do with maintaining the furnace and can not interfere with its operation; and it is not to be presumed that such was the intent. In the absence of a plain expression of a contrary intent, such persons are not to be regarded as occupants and subject as such to the penalty of the statute. To charge a person therefore with being an occupant merely of a building from the smokestack of which there had issued the prohibited smoke, would not sufficiently allege the offense.

That the language of the act "enables the court to infer the intent of the legislature, does not dispense with the necessity of alleging in the indictment all the facts necessary to bring the case within that intent." (*United States v. Carl*, 105 U. S., 611, 613.)

That the section of the act is so broad in its terms that it might be applied, by possible construction, to persons beyond the power of Congress to punish for the existence of the thing declared to be a nuisance per se, can not prevent its having effect as to those clearly within its provisions. (*Chapman v. United States*, 5 App. D. C., 121, 131; *S. C.*, 166 U. S., 661, 667; *Lansburgh v. Dist. of Col.*, 11 App. D. C., 512, 526.)

The next contention on behalf of the plaintiffs in error is, that Congress had not the power to declare the emission of thick or dense black or gray smoke from chimneys a nuisance per se and punish the act as an offense, because the effect of the enactment is to deprive persons of their property without due process of law.

As we are not dealing, in this case, with regulations of municipal officers acting under delegated authority, but with an act of Congress itself, it is unnecessary to review certain cases chiefly relied on in support of the contention; namely, *St. Louis*

*Hitzberg*, 141 Mo., 375; *St. Paul v. Gillilan*, 36 Minn., 298, and *State v. Mott*, 61 Md., 297.

Those cases all involved the construction of the powers delegated to such officers, and it is clear that they would have no power to declare a thing a nuisance *per se* without express legislative authority at least. (*Yates v. Milwaukee*, 10 Wall., 497, 505.)

They have no application to the exercise of the power by the legislature itself.

The power of Congress to enact regulations affecting the public peace, morals, safety, health, and comfort within the District of Columbia is the same as that of the several State legislatures within their respective territorial limits. It is no less, nor can it be greater, for all of the guaranties of the Constitution respecting life, liberty, and property are equally for the protection and benefit of all citizens residing in the District of Columbia, as of those residing in the several States. (*Callan v. Wilson*, 127 U. S., 640; *United States ex rel. Kerr v. Ross*, 5 App. D. C., 241, 247, 248; *Lansburgh v. Dist. of Col.*, 11 App. D. C., 512, 521; *Stoutenburgh v. Frazier*, 28 Wash. Law Rep. 250.)

In a State, the citizen, in addition to the safeguards of its own constitution, is under the special protection of the Fourteenth Amendment; in the District of Columbia, in respect of the right here involved, he is under that of the Fifth.

That no person shall be deprived of life, liberty, or property, is an ancient principle of civilized government. As has been said by Chief Justice Waite: "It is found in Magna Charta, and, in substance, if not in form, in nearly or quite all the constitutions that have been from time to time adopted by the several States of the Union. By the Fifth Amendment it was introduced into the Constitution of the United States as a guaranty upon the powers of the National Government, and by the Fourteenth as a guaranty against any encroachment upon an acknowledged right of citizenship by the legislatures of the States." (*Munn v. Illinois*, 94 U. S., 113, 123.)

At the same time, all property of the citizen is necessarily held under the implied liability that its use may be so regulated that it shall not be injurious to the equal rights of others in their property, or to the rights of the community.

Rights in property, like all other social and conventional rights, are subject to such reasonable limitations in their enjoyment as shall prevent them from being injurious, and to such reasonable restraints and regulations established by law as the necessities, under the governing and controlling power vested in them by the Constitution, may think necessary and convenient." (*Conn. v. Alger*, 7 Cush., 53, 84; *Hobbs v. Hays*, 109 U. S., 366, 392.)

In the exercise of this power of regulation, called the police power, there can be no doubt that the legislature has a very wide discretion, and may add to or subtract from the number of public nuisances recognized at common law—moving in either direction, as exigencies may suggest, under limitations not yet definitely settled. As was said by Mr. Justice Brown, in *Lawton v. Steele* (152 U. S., 140): "While the legislature has no right arbitrarily to declare that to be a nuisance which is clearly not so, a good deal must be left to its discretion in that regard, and if the object to be accomplished is conducive to the public interest, it may exercise a large liberty of choice in the means employed."

It would seem that no certain and satisfactory limitation upon the legislative discretion in the exercise of the police power, can safely be declared in advance for all cases. Very many cases that may subsequently arise.

As Mr. Justice Brandeis says in *Lansburgh v. Dist. of Col.* (11 App. D. C., 527): "The constantly increasing scope of the police power, as exercised in our day and under our form of government, has been developed by the process of evolution. Rapid progress in civilization, wonderful inventions from time to time, followed by vast material development and advances in the arts of civilization, have introduced novel situations and brought difficulties for the solution of our generation that were unanticipated and unimagined or even by the most advanced minds of the generation preceding. As a necessary consequence, the boundaries of the police power in its application to the property, business, or personal liberty of the individual citizen have not been definitely settled so as to furnish a certain guide for all cases as they may arise, that reserves for legislative or judicial determination."

The power of a State legislature, under the limitations of the Fourteenth Amendment, as we have seen, is practically the same in this regard as that of Congress in the District of Columbia. It has been recently considered by the Supreme Court of the United States in a case arising under an act of the legislature of New York prohibiting the taking of fish with nets in certain waters and authorizing the summary seizure and destruction of all nets found in such waters, with express denial of any right of action for damages arising therefrom. After much consideration, and with some dissent, the validity of the entire act was sustained. (*Lawton v. Steele*, 152 U. S., 140, 150.)

In the opinion of the majority of the court, delivered by Mr. Justice Brown, it was said:

"The extent and limits of what is known as the police power have been a fruitful source of discussion in the appellate courts of nearly every State of the Union. It is universally conceded to include everything essential to the public safety, health, and morals, and to justify the destruction or abatement, by summary proceedings, of whatever may be regarded as a public nuisance." After reciting many well-known instances of which the power to declare and abate nuisance involving destruction of property, restraint of liberty, and the like, had been upheld, he said further:

"Beyond this, however, the State may interfere wherever the public interests demand it, and in this particular a large discretion is necessarily vested in the legislature to determine, not only what the interests of the public require, but what measures are necessary for the protection of such interests. (*Barbier v. Connolly*, 113 U. S., 27; *Kidd v. Pearson*, 128 U. S., 1.) To justify the State in thus interposing its authority in behalf of the public, it must appear, first, that the interests of the public generally, as distinguished from those of a particular class, require such interference; and, second, that the means are reasonably necessary for the accomplishment of the purpose, and not unduly oppressive upon individuals. The legislature may not, under the guise of protecting the public interests, arbitrarily interfere with private business or impose unusual and unnecessary restrictions upon lawful occupations. In other words, its determination as to what is a proper exercise of its police powers is not final or conclusive, but is subject to the supervision of the courts."

Without reference to statutory regulation or declaration in a particular case, any use of one's property, ordinarily lawful, may become a nuisance not only when it produces injury to public health, safety, and morals, but also when it occasions public inconvenience, or materially impairs the public comfort—"the physical comfort of human existence." (*B. and P. R. R. Co. v. Fifth Baptist Church*, 108 U. S., 317, 329; 16 *Encyc. L.*, 924 et seq.; *Wood on Nuisances*, 476 et seq.; *Ross v. Butler*, 19 N. J. Eq., 294, 302, and cases reviewed therein.)

A nuisance is public or private according to the extent or scope of its injurious effect. That which may constitute a private nuisance by reason of special injury to an adjacent or neighboring proprietor, may not amount to a general public nuisance. On the other hand, that may be a public nuisance, affecting injuriously the public or the public interests, whilst not operating a perceptibly special injury to one member of the community more than others.

Now, whilst the emission of ordinary smoke from the chimneys of houses does not amount to a nuisance per se, it is nevertheless a matter of common knowledge, not to be ignored by the courts, that the emission of a volume of dense, black smoke from a single smokestack or chimney of a large furnace may, under some circumstances, work physical discomfort to the general public coming within its circle of distribution upon public thoroughfares, and may possibly also work injury to public interests in other respects. Whenever it may become a special source of legal injury to an individual, he will have an action of damages therefor, and, in cases of continuation, equity will afford complete relief by process of injunction. (*B. & P. R. R. Co. v. Fifth Baptist Church*, 108 U. S., 317, 329; *Ross v. Butler*, 19 N. J. Eq., 294, 302; *Duncan v. Hayes*, 22 N. J. Eq., 25.)

In a large and growing community, conditions like those suggested, and others, might well be apprehended to become widened in distribution, as well as increased in degree, through contributions to the volume of smoke made by other smokestacks or chimneys of like use. Charged with the duty of guarding the public interests, and vested, as we have seen, with wide discretion and liberty of choice in the means adapted thereto, Congress, it must be presumed, inquired into and duly considered the effect, present and prospective, of the continued emission, constantly or at intervals, of dense black or gray smoke upon those public interests in respect of safety, comfort, and cleanliness.

And it must also be presumed that it apprehended and duly considered the probable injury to, or burden upon, private property in such use, through the increased expense that may be involved in the use of smoke-consuming appliances, or, in case of their inefficiency, in the substitution of smokeless coal, coke, or other fuel for the soft bituminous coal which produces the objectionable smoke.

The policy of adopting a regulation to meet the conditions is a matter peculiarly and exclusively within the province of the legislative department.

The judiciary can only interfere with the exercise of the power where it is manifest that the regulation has no real or substantial relation to objects within the police power, and constitutes a palpable invasion of private right. (*Powell v. Pennsylvania*, 127 U. S., 678, 686; *Mugler v. Kansas*, 123 U. S., 623, 661; *Crowley v. Christensen*, 137 U. S., 86, 91.)

*v. Hitzberg*, 141 Mo., 375; *St. Paul v. Gilfillan*, 36 Minn., 298, and *State v. Mott*, 61 Md., 297.

Those cases all involved the construction of the powers delegated to such officers, and it is clear that they would have no power to declare a thing a nuisance per se without express legislative authority at least. (*Yates v. Milwaukee*, 10 Wall., 497, 505.)

They have no application to the exercise of the power by the legislature itself.

The power of Congress to enact regulations affecting the public peace, morals, safety, health, and comfort within the District of Columbia is the same as that of the several State legislatures within their respective territorial limits. It is no less, nor can it be greater; for all of the guaranties of the Constitution respecting life, liberty, and property are equally for the protection and benefit of all citizens residing in the District of Columbia, as of those residing in the several States. (*Callan v. Wilson*, 127 U. S., 640; *United States ex rel. Kerr v. Ross*, 5 App. D. C., 241, 247, 248; *Lansburgh v. Dist. of Col.*, 11 App. D. C., 512, 521; *Stoutenburgh v. Frazier*, 28 Wash. Law Rep., 256.)

In a State, the citizen, in addition to the safeguards of its own constitution, is under the special protection of the Fourteenth Amendment; in the District of Columbia (in respect of the right here involved) he is under that of the Fifth.

That no person shall be deprived of life, liberty, or property, is an ancient principle of limited government. As has been said by Chief Justice Waite: "It is found in Magna Charta, and, in substance, if not in form, in nearly or quite all the constitutions that have been from time to time adopted by the several States of the Union. By the Fifth Amendment it was introduced into the Constitution of the United States as a limitation upon the powers of the National Government, and by the Fourteenth as a guaranty against any encroachment upon an acknowledged right of citizenship by the legislatures of the States." (*Munn v. Illinois*, 94 U. S., 113, 123.)

At the same time, all property of the citizen is necessarily held under the implied liability that its use may be so regulated that it shall not be injurious to the equal right of enjoyment by others of their property, or to the rights of the community. "Rights of property, like all other social and conventional rights, are subject to such reasonable limitations in their enjoyment as shall prevent them from being injurious, and to such reasonable restraints and regulations established by law as the legislatures, under the governing and controlling power vested in them by the Constitution, may think necessary and convenient." (*Conn. v. Alger*, 7 Cushman, 53, 84; *Holden v. Hardy*, 169 U. S., 366, 392.)

In the exercise of this power of regulation, called the police power, there can be no doubt that the legislature has a very wide discretion, and may add to or subtract from the category of public nuisances recognized at common law—moving in either direction, as exigencies may suggest, under limitations not yet definitely settled. As was said by Mr. Justice Brown, in *Lawton v. Steele* (152 U. S., 140): "While the legislature has no right arbitrarily to declare that to be a nuisance which is clearly not so, a good deal must be left to its discretion in that regard, and if the object to be accomplished is conducive to the public interest, it may exercise a large liberty of choice in the means employed."

It would seem that no certain and satisfactory limitation upon the legislative discretion, in the exercise of the police power, can safely be declared in advance for application to very many cases that may subsequently arise.

As we had occasion to say in *Lansburgh v. Dist. of Col.* (11 App. D. C., 527): "The comprehensive scope of the police power, as exercised in our day and under our form of constitutional government, has been developed by the process of evolution. Rapid increase in population, wonderful inventions from time to time, followed by vast material development and advances in the arts of civilization, have introduced novel situations and begotten difficulties for the solution of our generation that were unanticipated and often undreamed of even by the most advanced minds of the generation next preceding. As a necessary consequence, the boundaries of the police power in its application to the property, business, or personal liberty of the individual citizen have never been definitely settled so as to furnish a certain guide for all cases as they may present themselves for legislative or judicial determination."

The power of a State legislature, under the limitations of the Fourteenth Amendment—which, as we have seen, is practically the same in this regard as that of Congress under the Fifth—has been recently considered by the Supreme Court of the United States in a case arising under an act of the legislature of New York prohibiting the taking of fish with nets in certain waters and authorizing the summary seizure and destruction of all nets found in such waters, with express denial of any right of action for damages arising therefrom. After much consideration, and with some division of opinion, the validity of the entire act was sustained. (*Lawton v. Steele*, 152 U. S., 133, 136.)

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And it must also be presumed that it apprehended and duly considered the probable injury to, or burden upon, private property in such use, through the increased expense that may be involved in the use of smoke-consuming appliances, or, in case of their inefficiency, in the substitution of smokeless coal, coke, or other fuel for the soft bituminous coal which produces the objectionable smoke.

The policy of adopting a regulation to meet the conditions is a matter peculiarly and exclusively within the province of the legislative department.

The judiciary can only interfere with the exercise of the power where it is manifest that the regulation has no real or substantial relation to objects within the police power, and constitutes a palpable invasion of private right. (*Powell v. Pennsylvania*, 127 U. S., 678, 686; *Mugler v. Kansas*, 123 U. S., 623, 661; *Crowley v. Christensen*, 137 U. S., 86, 91.)

In the light of the principles stated, the statute does not appear, upon its face, to have been beyond the power of Congress to enact; hence the motion to quash, upon that ground, was rightly overruled.

Nor can we concur in the contention that the proviso, excluding from the application of the act "chimneys of buildings used exclusively for private residences," renders the statute void because of inequality and unjust discrimination. And the same may be said as regards the limitation of the prohibited smoke to its emission "from any smokestack or chimney used in connection with any stationary engine, steam boiler, or furnace."

The Fourteenth Amendment, which prohibits the denial by a State of the equal protection of the law, does not, in its terms, apply to the legislation of Congress; but, assuming that the same principle is, within the spirit of that and of the earlier amendments, intended to operate upon the legislation of Congress, we can not regard the discriminations contained in the limitation and proviso aforesaid as having the effect charged.

The only inhibition upon the States is, that the classification of persons and things shall not be arbitrary. If there be some reasonable basis for the classification made it is not obnoxious to the charge of denial of equality. (*G. C. & S. F. Rwy. Co. v. Ellis*, 165 U. S., 150, 155; *Magnon v. Ill. Trust and Savings Bank*, 170 U. S., 283, 294.)

In the absence of facts sufficient to demonstrate that there can be no substantial distinction between the classes of engines, steam boilers, and furnaces named in the act and those specially excepted, it is not apparent that the classification made is without reasonable basis. (*People v. Lewis*, 86 Mich., 273.)

We can readily apprehend that there may be a very great difference between the quantity and quality of the smoke emitted from the chimneys of private dwellings and from those connected with engines, steam boilers, and furnaces used in buildings devoted to manufacturing purposes, or in the large buildings occupied by many persons, that require an immense consumption of fuel. It may well be that the fuel ordinarily consumed in one class of buildings is quite different from that consumed in the other, and that as a matter of fact the smoke emitted from the chimneys of one class may be injurious to the public and the other not.

The distinction made between stationary engines and portable ones would, on its face, likewise seem not to have an unreasonable foundation.

Probably the only portable engines in use would be fire engines, steam rollers, and railway locomotives. Of the two former it is sufficient to say that they are necessary agencies for the promotion and protection of paramount public interests, and are in use for such necessary periods of time and in such places only as exigencies may demand.

The railway engine performs a different function, is confined to a space set apart for its use, and besides is not constantly engaged in diffusing its smoke from a permanent location. It may be presumed that these various conditions were also considered by Congress in the exercise of its discretion in the premises.

Special regulations relating to the uses of railway engines in this and other respects have often been made, and have generally been considered not to violate the rule of equality, because confined to them alone.

In a case following close upon that of *Railway Company v. Ellis*, before referred to, the Supreme Court of the United States held that an act of the legislature of New York, regulating the heating of railway passenger cars, was not arbitrary and unequal because railways less than 50 miles long were excepted from its operation. (*N. Y., etc., R. R. Co. v. New York*, 165 U. S., 628, 633.)

After the motion to quash had been overruled, the case was submitted to the jury upon proof tending to show the emission of thick and dense black and gray smoke from the chimney of the building occupied by the defendants as a furniture store, at certain times upon a certain day.

The defendants offered evidence tending to show that they had attached to their furnace, at the time, the best known smoke-consuming appliance; but that neither it nor any other then known would prevent the emission of such smoke for a brief period upon each occasion that fire might be started, or the furnaces "coaled" or "raked down," provided that soft bituminous coal be the fuel consumed.

The evidence was excluded and exception taken. In this there was no error. That there may be no smoke-consuming appliance that will, under all circumstances, prevent the nuisance is not a matter of relevancy. The facts concerning them were presumably within the knowledge of Congress also when it took action, and no provision has been made for their use. The use of smokeless fuel instead may have been expressly contemplated.

Defendants, in the cross-examination of the Government's witnesses, asked each of them if the smoke testified to by him was of such character as to be dangerous to



health, life, or property of persons living in the immediate vicinity of the defendants' house, or to the public at large; and also if the same constituted a public nuisance.

The court refused to let the questions be answered, and exceptions were again taken.

Assuming that each witness would have answered in the negative, there was no error in their exclusion. The questions called for opinions, not facts. What constitutes a public nuisance, under this statute, was primarily for the determination of Congress and lastly a question of law for the court. Besides, the scope of the first question, even if admissible otherwise, was too narrow, in that it failed to include the question of cleanliness and the public comfort that is involved in the emission of soot-distributing smoke.

The last offer of defendants was to prove by several witnesses engaged in business in close proximity to them that neither on the day in proof nor on any other day had the smoke from defendant's chimney been injurious to their property or dangerous to their health and safety. This evidence was also inadmissible.

That neighboring occupiers may not have sustained injury to property or health could not constitute a defense to prosecution for the public nuisance. The absence of special injury to them as such would preclude an action of damages by any one of them, but could not determine the question of injury to public interests.

Nothing short of satisfactory proof that under no circumstances could the emission of the forbidden smoke occasion material injury, inconvenience, or discomfort to the public, would, at most, be sufficient to show that the statute, under the guise merely of the public interest, was an unwarranted invasion of private right. As we have before seen, a thing may be a public nuisance without, at the same time, being a special private nuisance to an adjacent owner or occupant.

If the smoke constitutes a public nuisance at all, it does not matter that it may not be constantly emitted, but only at intervals from day to day. (*Ross v. Butler*, 19 N. J. Eq., 294, 302.)

We find no error in the judgment of the police court, and it must be affirmed. It is so ordered.

Affirmed.

# APPENDIX G.

## LIST OF PHYSICIANS ENTITLED TO PRACTICE IN THE DISTRICT OF COLUMBIA, DECEMBER 1, 1900.

Name.	Address.	Name.	Address.
Abbot, Griffith E. ....	2811 14th st. NW.	Beatty, Louis Kelley ..	610 East Capitol st.
Acker, George N. ....	913 16th st. NW.	Beatty, Walter K. ....	610 East Capitol st.
Adams, Arthur C. ....	619 Massachusetts ave. NE.	Bentley, Wray. ....	910 East Capitol st.
Adams, J. Lee. ....	Takoma, D. C.	Bockett, George M. ....	
Adams, James O. ....	337 N st. NW.	Beckley, E. R. ....	2516 7th st. NW.
Adams, Jesse Lee, Jr. ....	Takoma, D. C.	Beebe, William B. ....	1225 F st. NW.
Adams, Samuel S. ....	1 Dupont circle.	Behrend, Adajuli. ....	1214 K st. NW.
Ainsworth, F. C. ....	Record and Pension Div., War Dept.	Behrend, Edwin B. ....	1214 K st. NW.
Alderman, Asahel H. ....	Langdon, D. C.	Belt, Edward O. ....	922 17th st. NW.
Alderman, Zenas W. ....	232 New Jersey ave. NW.	Bennett, Harrison M. ....	Takoma Park, D. C.
Alleger, Walter W. ....	949 T st. NW.	Bennett, Maitland C. ....	1728 8th st. NW.
Allen, Charles. ....	1320 G st. NW.	Bennitt, William W. ....	1213 W st. NW.
Allen, Charles L. ....	815 14th st. NW.	Benson, Elbert G. ....	821 5th st. NE.
Allen, Elijah H. ....	1214 5th st. NW.	Beresford, Galsworthy G.	349 Pa. ave. NW.
Allen, H. Jerome. ....	421 H st. NE.	Bermann, Isidor. ....	1010 I st. NW.
Allen, Jacob S. ....	666 G st. NE.	Bevard, William A. ....	1313 14th st. NW.
Anderson, C. T. G. ....		Bevier, William D. ....	1420 11th st. NW.
Anderson, Joseph W. ....	1321 T st. NW.	Billard, Jules F. ....	Laurel, Md.
Appleby, James F. R. ....	1430 33d st. NW.	Bird, James C. ....	812 8th st. NE.
Armstrong, Wm. J. ....	1306 Lydecker ave.	Birdsall, Charles W. ....	1256 31st st. NW.
Arnold, John S. ....	21 2d st. NE.	Bishop, Francis B. ....	1913 I st. NW.
Arwine, James T. ....	529 7th st. NW.	Bishop, Herbert F. ....	1018 14th st. NW.
Ashford, Bailey K. ....	U. S. Army.	Blackburn, Isaac W. ....	Government Hospital for the Insane.
Atkinson, Wade H. ....	805 12th st. NW.	Blackburn, Richard S. ....	Alexandria, Va.
Atwell, John R. ....	1069 8th st. NW.	Blair, Joseph D. ....	403 1st st. SE.
Atwood, Oliver M. ....	1526 L st. NW.	Blake, Levi C. ....	237 8th st. NE.
Ayres, William W. ....	1730 Q st. NW.	Blake, Louisa M. ....	237 8th st. NE.
Babbitt, Zeno B. ....	12 Iowa circle.	Bliss, Charles L. ....	907 New York ave. NW.
Baggett, John B. ....	1920 16th st. NW.	Bliss, James E. ....	604 H st. NE.
Baier, G. K. ....	917 I st. NW.	Boatman, Charles V. ....	1101 Maryland ave. SW.
Bailey, Grafton D. P. ....	223 14 st. NW.	Bogan, Fred, Macon. ....	421 G st. NW.
Bailey, Henry L. ....	1713 T st. NW.	Bogan, Samuel W. ....	121 G st. NW.
Baker, Frank. ....	1728 Columbia road.	Bogges, John S. ....	1013 O st. NW.
Baker, Frank Cole. ....	1728 Columbia road.	Boss, Rufus D. ....	307 East Capitol st.
Baker, Leigh Y. ....	1100 13th st. NW.	Boswell, Archie W. ....	601 9th st. NE.
Baker, May D. ....	1432 S st. NW.	Boteler, William C. ....	817 15th st. NW.
Baker, Robert W. ....	1816 I st. NW.	Boyce, J. Wesley. ....	1101 H st. NW.
Baker, Willie W. ....	916 S st. NW.	Bowen, Charles H. ....	607 Massachusetts ave. NW.
Baldus, William T. ....	2415 Pennsylvania ave. NW.	Bowen, William S. ....	1228 16th st. NW.
Baldwin, Aaron. ....	1205 11th st. NW.	Boyd, Carl B. ....	608 3d st. NW.
Baldwin, Mosby. ....	1002 Rhode Island ave.	Boyd, George W. ....	121 2d st. NE.
Ball, Charles A. ....	233 G st. NW.	Brackett, John E. ....	1340 Rhode Island ave.
Balloch, Edward A. ....	1013 15th st. NW.	Bradfield, Jefferson D. ....	1533 North Capitol st.
Banes, Hiram J. ....	207 F st. NW.	Brandt, Wm. E. ....	53 I st. NE.
Barber, James M. ....	918 E st. NW.	Branson, Joseph H. ....	1231 New Jersey ave. NW.
Barbour, Frank A. ....	1327 12th st. NE.	Brayshaw, J. Lacey. ....	12 12th st. NE.
Barker, Howard H. ....	1116 H st. NW.	Brewer, Isaac W. ....	1312 31st st. NW.
Barnes, Noble P. ....	138 6th st. NE.	Bromwell, Josiah R. ....	1147 Connecticut ave. NW.
Barrie, George. ....	1629 14th st. NW.	Bronson, Charles E. ....	2431 Pennsylvania ave. NW.
Barrington, Richard L. ....	3514 N st. NW.	Brooks, Floyd V. ....	465 Florida ave. NW.
Barron, Noel I. ....	1828 G st. NW.	Brooks, J. Henry. ....	Brookland, D. C.
Barry, Edmund. ....		Brooks, John Doshier. ....	Brookland, D. C.
Barry, John P. ....	1246 H st. NE.	Brooks, Phil. B. ....	306 3d st. NW.
Bartow, Edward C. ....	712 East Capitol st.	Brosius, Mary Alice. ....	1101 K st. NW.
Bartow, Kate D. ....	712 East Capitol st.	Brown, Charles W. ....	902 14th st. NW.
Barton, Wilfred M. ....	1309 H st. NW.	Brown, Orville J. ....	1357 Roanoke st. NW.
Bastian, J. W. ....	622 Pennsylvania ave. NW.	Brown, Robert W. ....	1224 R st. NW.
Battle, Lewis J. ....	419 2d st. NW.	Bruckheimer, Moses. ....	467 I st. NW.
Bayne, John W. ....	116 2d st. SE.	Brumbaugh, Galus M. ....	904 Massachusetts ave. NW.
Beale, Robert S. ....	Emergency Hospital.		
Beall, Benjamin M. ....	417 H st. NE.		
Beaman, Carroll J. ....	1101 I st. NW.		

*List of physicians entitled to practice in the District of Columbia, December 1, 1900—Cont'd.*

Name.	Address.	Name.	Address.
Brummett, Randolph B	103 5th st. NE.	Corbin William E	1005 23d st. NW.
Bryan, Joseph H	818 17th st. NW.	Corey, George B	938 K st. NW.
Bulkley, John W	1723 N st. NW.	Corey, Waterman F.	1305 R st. NW.
Binnemeyer, Bernard	1210 Lamar place NW.	Corish, Mabel	225 1st st. SE.
Birch, W. Thompson	922 14th st. NW.	Combe, Arthur G.	
Birke, Francis E		Combe, Oscar H.	248 Delaware ave. NE.
Birke, Thomas W	800 L st. NW.	Cowden, J. Morrow	715 13th st. NW.
Birnett, Swan M	913 17th st. NW.	Cox, S. Clifford	2018 1 st. NW.
Birritt, Alice	1129 11th st. NW.	Crichton, Macpherson	1016 9th st. NW.
Borritt, Martha Clark	313 5th st. SE.	Crittenden, Thomas B.	928 New York ave. NW.
Burton, George C	810 H st. NE.	Crocichia, Antoine	1708 M st. NW.
Burwell, John P	904 14th st. NW.	Crook, Harrison	918 11th st. NW.
Busey, Samuel C	1545 1 st. NW.	Crosson, Henry J	806 19th st. NW.
Bush, W. J	228 O st. NW.	Crowe, John W	811 21st st. NW.
Butler, Arthur R	Civil Service Commis- sion.	Crush, Alice S	712 8th st. NW.
Butler, William K	1207 M st. NW.	Crusor, Collin B	1331 28th st. NW.
Butz, Abraham D	514 8th st. SE.	Cumiskey, Edw. F	441 7th st. SW.
Byrne, Patrick J	234 N st. NW.	Currier, George R.	3320 13th st. NW.
Byrne, Walter C	Elmhurst, N. Y.	Cushing, Clinton	1607 I st. NW.
Byrnes, William F	35 B st. SE.	Cushing, Maria J	923 9th st. NW.
Cabaniss, George W	1906 K st. NW.	Custis, George W. N.	110 East Capitol st.
Caldwell, Charles T	919 S st. NW.	Custis, J. B. Gregg	912 15th st. NW.
Caldwell, William A	814 1 st. NW.	Custis, Marvin A	604 East Capitol st.
Callan, Cornelius V. N.	1422 F st. NW.	Cuthbert, Middleton F.	1462 Rhode Island ave.
Calvert, Finley H	912 Massachusetts ave. NW.	Czarra, Sigmund A	619 Pennsylvania ave. NW.
Cameron, Malcolm	1905 1 st. NW.	Danforth, Roderick F.	919 12th st. NW.
Camp, Herbert M	Takoma Park, D. C.	Daniel, Robert A	40 R st. NE.
Campbell, Charles B.	228 E st. NE.	Daniels, Uriah J	2025 L st. NW.
Campbell, Thomas B.		Darby, John J	311 A st. NE.
Canton, Walter D	717 10th st. NW.	Darling, Henry	Brightwood, D. C.
Capehart, Baldy A	1823 H st. NW.	Darrah, Austin A	516 E st. NE.
Carlozo, Francis J	301 2d st. SW.	Davidson, Edward Y	151 E st. NE.
Carmann, Louis D	1351 Q st. NW.	Davidson, Falconer	South Brookland, D. C.
Carmichael, Randolph B.	1134 Connecticut ave.	Davis, Carrie C	1434 S st. NW.
Carr, William P	1418 L st. NW.	Davis, Charles A	1010 15th st. NW.
Carrader, John V	812 E st. SE.	Davis, Daniel G	1424 New York ave. NW.
Carroll, James	433 New Jersey ave. SE.	Davis, Llewellyn F	1108 New York ave. NW.
Carroll, Robert L	948 R st. NW.	Dawson, Charles F	1437 Rhode Island ave. NW.
Carter, Durns D	1202 Q st. NW.	Day, Geo. Frank	913 Rhode Island ave. NW.
Carter, Marion B		Deale, Henry B	1221 14th st. NW.
Carter, William C	315 C st. NW.	Deane, Julian W	708 12th st. NE.
Chadwick, De Witt C	61 I st. NW.	De Carré, Alfred	Brightwood, D. C.
Chamberlin, Frank T	226 New Jersey ave. SE.	Deeble, Horace M	1017 14th st. NW.
Chapman, Thomas P	1015 L st. NW.	Delaney, Martin D	
Chappell, John W	Tennallytown, D. C.	Demarest, Cornelius L.	16 8th st. SE.
Charles, Francis M	1203 Q st. NW.	Dennison, Ira W	1312 L st. NW.
Chew, Thomas I	226 East Capitol st.	Deveraux, J. Ryan	1724 S st. NW.
Childs, Creed W	513 3d st. SW.	De Vries, J. Carlisle	62 M st. NW.
Choute, Rufus	3267 O st. NW.	Dillenbach, William J	1340 R st. NW.
Church, James R	1308 H st. NW.	Dixon, Henry M	2149 Pennsylvania ave. NW.
Clark, George C	321 East Capitol st.	Dobson, Hervie A	100 11th st. NE.
Clark, James J		Dobson, William H	China.
Clark, John Alex	1727 De Sales st. NW.	Dolan, Patrick V	727 8th st. NE.
Clark, Taliaferro	Marine-Hospital Service.	Donohue, Florence	1134 8th st. NW.
Clarke, Winfield S	1111 S st. NW.	Dooley, Francis X	1346 T st. NW.
Clayton, James G	1910 Vermont ave.	Dorsey, John S	1415 P st. NW.
Clayton, Thomas A	5 Dupont circle.	Douglas, Alanson S.	631 G st. NE.
Clemens, James E	1411 H st. NW.	Douglas, James F	505 East Capitol st.
Clemons, Carl Anson	1413 Coreoran st. NW.	Douglas, Robert	508 11th st. NW.
Coblentz, Horace B	649 Florida ave. NW.	Dowling, James C	722 3d st. SW.
Coe, Anton	1108 F st. NW.	Dowling, Thomas, Jr.	614 E st. NW.
Coffron, Willard H	5 Tennessee ave. NE.	Drane, Frank C	Takoma Park, D. C.
Cole, Arthur R	1114 15th st. NW.	Drenford, George	Clayton, Kent Co., Del.
Cole, George R. Lee	418 7th st. SW.	Du Bosse, George P.	2903 Q st. NW.
Cole, John T	907 H st. NE.	Duffey, Hugh C	816 N st. NW.
Coleman, Horace	1208 N st. NW.	Dufour, Clarence R.	1016 14th st. NW.
Collins, Albert R	468 E st. SW.	Dulaney, Joshua L	926 1 st. NW.
Collins, Charles R	1125 14th st. NW.	Dumas, Michael O	1234 4th st. NW.
Collins, Edward J	823 11th st. NE.	Dunn, Henry A	901 U st. NW.
Collins, John F	1305 3d st. NW.	Dye, Hobart S	1400 K st. NW.
Compton, William P	1701 H st. NW.	Dyrenforth, Robert G.	1503 Rhode Island ave. NW.
Connell, George E	3230 N st. NW.	Eaton, Parley H	1318 T st. NW.
Conner, William H	1130 22d st. NW.	Eddy, Otis J	1215 Rhode Island ave.
Cook, Elmore A	736 4th st. SE.	Eggleston, James D	
Cook, George W	3 Thomas circle.	Eggleston, George W	
Cooke, Robert R	1412 6th st. NW.	Elgin, William F	Bethesda, Md.
Coolidge, Augustus B.	1913 Pennsylvania ave. NW.	Eliot, Llewellyn	1106 P st. NW.
Copeland, Edgar P	Children's Hospital.		

*List of physicians entitled to practice in the District of Columbia, December 1, 1900—Cont'd.*

Name.	Address.	Name.	Address.
Eliot, Johnson.....	718 H st. NE.	Gilbert, Charles B.....	1103 H st. NW.
Elliott, Charles S.....	325 East Capitol st.	Gill, William T.....	505 O st. NW.
Elliott, Jerre B.....		Gillette, Hubbard.....	1115 U st. NW.
Elliott, Henry R.....		Gilliland, Orange C.....	1210 G st. NE.
Ellis, Hannah C.....	1817 K st. NW.	Gladmon, Edwin.....	
Ellis, Joseph C.....	1817 K st. NW.	Glazebrook, Larkin W.....	2022 P st. NW.
Ellyson, Robert M.....	1335 8th st. NW.	Gleeson, James K. P.....	1316 R st. NW.
Emery, W. G.....	1324 L st. NW.	Glover, Mervin W.....	1535 9th st. NW.
Emmons, Charles Me.....	1019 G st. SE.	Gobrecht, William H.....	905 M st. NW.
English, Charles H.....	1221 13th st. NW.	Godfrey, Carlos E.....	728 4th st. SE.
Erlach, Amelia.....	329 Maryland ave. NE.	Godfrey, George M.....	Indian Head, Md.
Eslin, James T.....	901 S st. NW.	Goines, William H.....	506 P st. NW.
Evans, Albert W.....	1236 New Jersey ave. NW.	Goldsborough, Edmond K.....	1331 K st. NW.
Evans, Warwick.....	1105 9th st. NW.	Goodall, Henry S.....	Charlemont, Mass.
Evans, Wilson B.....	1926 12th st. NW.	Goodman, William R.....	1219 10th st. NW.
Eversfield, Wm. O.....	College Park, Md.	Gosling, Henry L.....	3209 17th st. NW.
Ezlorf, Rudolf H. von.....	918 N st. NW.	Gracy, George W.....	
Fadeley, George B.....	921 F st. NW.	Graham, James F.....	906 3d st. NW.
Falconer, Bolivar L.....	821 12th st. NE.	Graham, Neil F.....	909 New York ave. NW.
Fales, Warren D.....	915 S st. NW.	Graham, Robert H.....	303 H st. NW.
Farly, James M.....		Grandfield, Charles P.....	1951 Harewood ave. NW.
Farquhar, Charles.....	Olney, Md.	Gray, Clarence A.....	625 L st. NE.
Farquhar, Raymond R.....	1918 S st. NW.	Green, Julia M.....	1738 N st. NW.
Feathers to nough, Thomas.....	114 Maryland ave. NE.	Greene, Lawrence M.....	165 Maple ave., Anacostia, D. C.
Fenwick, George P.....	504 6th st. SW.	Greene, Louis S.....	1610 I st. NW.
Ferguson, Charles E.....	1218 12th st. NW.	Greene, Samuel H., jr.....	1320 Q st. NW.
Ferguson, Thomas M.....		Greenleaf, Harry S.....	1330 30th st. NW.
Filler, Charles W.....	1707 Q st. NW.	Griffin, Thomas A.....	308 C st. SE.
Finley, Clara B.....	1339 T st. NW.	Griffith, Michael J.....	432 M st. NW.
Fischlat, Albert S.....	1247 Kenesaw ave. NW.	Griffith, Monte.....	1013 11th st. NW.
Fisher, George W.....	112 Jackson st., Anacostia, D. C.	Grinder, George W.....	923 9th st. NW.
Fisher, Howard.....	1758 S st. NW.	Groce, Henry R.....	Providence, R. I.
Fisher, Wm. N.....	Children's Hospital.	Groce, S. Marie.....	Do.
Flower, Alfred H.....	617 13th st. NW.	Groot, Simon I.....	924 New York ave. NW.
Ford, J. Herbert.....	314 2d st. SE.	Groover, Thomas A.....	Garfield Hospital.
Ford, William C.....		Grubbs, R. B.....	1400 Corcoran st.
Forsythe, A. D.....	1015 Connecticut ave. NW.	Gruel, Louis T.....	U. S. Navy.
Foster, George W.....	Government Hospital for Insane.	Grinwell, Alfred G.....	927 O st. NW.
Foster, Romulus A.....	2029 Q st. NW.	Gunion, John Paul.....	1106 Binney st. NW.
Foster, Warren W.....	1313 11th st. NW.	Guss, Harry T.....	
Fowler, Ernest W.....	Kendall Green.	Gwynn, Oscar J.....	3267 N st. NW.
Fowler, William C.....	1141 5th st. NW.	Gwynn, Wm. C.....	1173 Kenesaw ave.
Fox, George L.....	121 6th st. NE.	Haas, Carleton D.....	1717 N st. NW.
Fox, William H.....	1826 Jefferson place.	Hagner, Charles E.....	Do.
Foy, A. Frances.....		Hagner, Francis R.....	Do.
Francis, John R.....	2112 Pennsylvania ave.	Hall, Arthur J.....	811 13th st. NW.
Frankland, W. Ashby.....	516 8th st. NW.	Hall, J. Mitchell.....	1512 L st. NW.
Franzoni, Charles W.....	605 I st. NW.	Hall, Julia R.....	Howard University.
Freeman, Henry W., jr.....	1222 16th st. NW.	Hamilton, James R.....	1327 Q st. NW.
Freer, James A.....	1523 I st. NW.	Hamilton, Richard T.....	2358 6th st. NW.
Freeze, Harris H.....	510 7th st. NE.	Hammitt, Chas. M., jr.....	1328 New York ave. NW.
French, Leigh H.....	Welling place NW.	Hammond, Thos. V.....	1713 H st. NW.
French, William B.....	506 East Capitol st.	Hammond, William A.....	13th and Princeton sts.
Friederich, Leon L.....	329 East Capitol st.	Hampson, Elizabeth.....	
Frost, Ellis F.....	737 13th st. NW.	Hance, Theodore F.....	Pension Office.
Frost, John W.....	614 19th st. NW.	Hancock, Eugene Thos.....	713 11th st. NW.
Fry, Henry D.....	1601 Connecticut ave. NW.	Handy, William E.....	218 2d st. SE.
Furcron, Gustavus W.....	528 4th st. NE.	Hannon, Samuel L.....	817 M st. NW.
Gaines, Richard L.....	2243 Brightwood ave.	Hansmann, Theodore.....	1310 I st. NW.
Gallagher, Matilda J.....	112 4th st. SE.	Hardesty, Joseph R. L.....	1521 Corcoran st. NW.
Gallagher, Michael F.....	802 K st. NW.	Hardin, B. L.....	1133 11th st. NW.
Gallagher, Patrick J.....	321 5th st. SE.	Harding, Gena R.....	The Shorcham.
Gapen, Nelson.....	322 Indiana ave. NW.	Harding, Harry T.....	2650 14th st. NW.
Gardner, Franklin A.....	1018 14th st. NW.	Harding, Ralph A.....	2142 I st. NW.
Gardner, Joseph N.....	Baltimore, Md.	Harmer, James B.....	
Garrison, Fielding H.....	1427 R st. NW.	Harrison, Charles S.....	1916 11th st. NW.
Garthwaite, Isaac S.....	467 Florida ave. NW.	Harrison, Herbert A.....	
Garvin, Mary J.....	Hotel La Fetra.	Harrison, James S.....	
Gatchell, William F.....	604 E st. NE.	Harrison, John S.....	226 Monroe st., Anacostia, D. C.
Geddes, William.....	1713 G st. NW.	Hart, James W.....	The Cairo.
Geddings, R. M.....	Woodley Inn.	Hartsack, Fredk. M.....	518 B st. NE.
Gehring, Gustave P.....	623 F st. NW.	Harvey, Heber McK.....	610 B st. NE.
Gentsch, Daniel C.....	226 I st. NW.	Harvey, Levin A.....	1142 7th st. NW.
Gibbs, Benjamin F.....	231 14th st. NW.	Hasbrouck, Edwin M.....	2420 14th st. NW.
Gibbs, Thomas F.....	935 Rhode Island ave.	Haskins, Henry W.....	1622 Vermont ave. NW.
Gilbert, C. Evelyn.....	455 Missouri ave. NW.	Hawken, George C.....	111 10th st. NW.
		Hawkes, William H.....	1317 Columbia road.
		Hawxhurst, Howard H.....	1333 L st. NW.

List of physicians entitled to practice in the District of Columbia, December 1, 1900—Cont'd.

Name.	Address.	Name.	Address.
Hayes, Henry L.	113 1st st. NE.	Johnson, Frank G.	641 2d st. NE.
Hayes, J. Robert	46 C st. NE.	Johnson, Henry A.	1334 8th st. NW.
Haynes, Henry M.	1347 Q st. NW.	Johnson, Henry L. E.	1402 L st. NW.
Hayes, Melville A.	1340 14 st. SW.	Johnson, J. Russell.	1131 10th st. NW.
Hazen, David H.	407 6th st. SW.	Johnson, John H.	2015 Vt. ave. NW.
Hazen, William F. C.	511 East Capitol st.	Johnson, John N.	1217 Linden st. NE.
Heiberger, Ida J.	722 18th st. NW.	Johnson, Joseph Taber.	924 Farragut square.
Hennecke, George B.	804 11th st. NW.	Johnson, Lincoln.	1215 Rhode Island ave. NW.
Heiser, William H.		Johnson, Louis A.	709 C st. SW.
Heitmuller, George H.	1309 14th st. NW.	Johnson, Sidney L.	819 New Jersey ave. NW.
Heller, Irma I.	808 G st. SE.	Johnson, Wallace.	1414 U st. NW.
Heller, Joseph M.	901 M st. NW.	Johnston, Gabriel F.	1762 N st. NW.
Helton, Addison S.	252 9th st. NE.	Johnston, George W.	1408 21st st. NW.
Henderson, George.	817 T st. NW.	Johnston, William W.	1603 K st. NW.
Hensley, James T.	405 9th st. NE.	Johnstone, Robert B.	802 11th st. NW.
Hepburn, James H.	1101 F st. NW.	Jolley, Bnshrod B.	1909 Vermont ave.
Herald, Avediss B.	1509 R. L. ave. NW.	Jones, Eugene.	2816 P st. NW.
Herbert, James W.	703 D st. SE.	Jones, John E.	1618 T st. NW.
Herbert, Joseph Wells.	205 H st. NW.	Jordan, Arthur.	2026 H st. NW.
Herdiska, Charles V.		Jordan, Charles M.	3026 H st. NW.
Heron, George H.	1016 9th st. NW.	Jordan, Llewellyn.	2018 Pennsylvania ave.
Heron, William H.	1016 9th st. NW.	Jony, Joseph.	1423 5th st. NW.
Hewetson, Sara E.	1131 14th st. NW.	Julihn, Magnus L.	825 Vermont ave.
Hickling, D. Percy.	221 3d st. NW.	Jung, Franz A. R.	825 Vermont ave.
Higgins, Raymond P.		Jung, Sofia A. Nordhoff.	513 9th st. NW.
Hill, Richard S.	Marlboro, Md.	Junglaus, John H.	471 Pennsylvania ave. NW.
Hilop, Margaret.		Kalowski, Henry E.	1821 H st. NW.
Hodge, Edwin R.	Kensington, Md.	Karlsoe, Wilhelm J.	124 East Capitol st.
Hodges, J. Walter.	201 2d st. SE.	Keach, Thomas A. R.	Pension Bureau.
Hodgson, Charles S.	925 R st. NW.	Keenan, John F.	1004 O st. NW.
Hoffman, Walter J.	222 E st. NW.	Keene, Walter P.	936 N. Y. ave. NW.
Holden, Cora M.	Nashville, Tenn.	Kehrer, Augustus B.	
Holden, Raymond V.	802 6th st. SW.	Kelley, John T., jr.	1635 19th st. NW.
Hollifield, Horatio B.	1850 5th st. NW.	Kelly, Daniel J.	1013 L st. NW.
Holmes, Charles.	1908 13th st. NW.	Kemp, T. J.	
Holt, Warner.	322 C st. NW.	Kempler, J. Edmund.	
Hoe, A. Barnes.	1116 N. Y. ave. NW.	Kennard, G. Howard.	
Hopkins, Charles J.	Baltimore, Md.	Kerr, James.	1711 H st. NW.
Hopkins, J. Milton.		Key, Sothoron.	Providence Hospital.
Hord, William T., jr.	1702 19th st. NW.	Keyes, Charles W.	1108 8th st. NW.
Hore, Cassius W.		Keyser, Carl S.	2019 Massachusetts ave. NW.
Horigan, William D.	2426 Pennsylvania ave. NW.	Kilroy, James J.	3400 N st. NW.
Hoskins, James T.	1300 South Capitol st.	Kimball, Ephraim G.	1204 Massachusetts ave. NW.
Hough, J. Spencer.	Marine Hospital Service.	King, Albert F. A.	1315 Massachusetts ave. NW.
Housel, Firman.	209 2d st. SE.	King, Ernest F.	1422 K st. NW.
Houston, Sam.	1411 10th st. NW.	King, William R.	711 East Capitol st.
Howard, Areturus Lee.	1126 9th st. NW.	Kingsman, Richard.	1110 Yale st. NW.
Howard, James H.	350 Pomeroy st. NW.	Kimman, William A.	307 G st. NW.
Howard, Joseph T.	1126 9th st. NW.	Kirby, Edmund W.	3048 N st. NW.
Howard, Joseph T. D.	1126 9th st. NW.	Kleinschmidt, Carl H. A.	
Howe, Orwin E.	619 E st. NW.	Klemm, John W.	1332 New York ave. NW.
Howell, Arnold G.	410 North Capitol st.	Kline, William J. K.	1819 Q st. NW.
Howland, George T.	825 Vermont ave.	Knapp, Herbert D.	631 1st. NW.
Hubbell, Wm. Wheeler.		Kober, George M.	802 11th st. NW.
Hughes, William D.	657 H st. NE.	Kolipinski, Louis.	301 2d st. NW.
Hughes, William H.	1521 Madison st. NW.	Koonce, Frank D., jr.	600 M st. NW.
Hull, Theo. Y.	Brookland, D. C.	Koonce, Howard.	634 A st. SE.
Hummer, Harry R.	1207 K st. SE.	Koomes, Charles K.	915 16th st. NW.
Hunt, Henry J.	50 Myrtle st. NE.	Kramer, Thomas B.	3142 P st. NW.
Hunt, Presley C.	1815 M st. NW.	Krogstad, Henry.	1105 G st. NW.
Hunter, Montgomery.	3304 N st. NW.	Kurtz, John.	1105 G st. NW.
Huntt, Joseph R.		La Petra, George H.	800 10th st. NW.
Hurt, Harry.	1510 H st. NW.	La Petra, Lunnens E.	906 G st. NW.
Hutchinson, Mahlon.	The Cairo.	Lamb, Daniel S.	800 10th st. NW.
Hyatt, Franck.	1022 14th st. NW.	Lamb, Isabel Haslap.	906 G st. NW.
Ingram, Thomas D.		Lamb, J. Melvin.	800 10th st. NW.
Israeli, Baruch.	476 F st. SW.	Lamb, Robert Scott.	1000 H st. NW.
Jack, William A., jr.	101 E st. NW.	Landers, Thomas.	726 8th st. NE.
Jackson, Elmer E.	1924 6th st. NW.	Lane, David A.	1617 4th st. NW.
Jackson, Virgil B.	1335 H st. NW.	Lauey, Frank P.	Government Hospital for the Insane.
Jaishohn, Philip.	The Stratford, 14th st. and Sheridan ave.	Lattimer, Charles H.	1508 P st. NW.
James, Charles H.	922 17th st. NW.	Latimer, George.	1305 H st. NW.
Jamison, Albion B.	3069 School st. NW.	Lawrence, Albert L.	1830 I st. NW.
Jarvis, G. L. Browne.		Lendley, George W.	1760 S st. NW.
Jenkins, Ralph.	1732 Massachusetts ave. NW.		
Jenner, Norman R.	1731 12th st. NW.		
Johnson, Albert E.	117 B st. SE.		
Johnson, Alexander H.	143 L st. NW.		
Johnson, Charles R.			

List of physicians entitled to practice in the District of Columbia, December 1, 1900—Cont'd.

Name.	Address.	Name.	Address.
Leatherman, Marshall E.	1113 Q st. NW.	Magruder, George L.	815 Vermont ave.
Lee, Adelbert H.	1403 H st. NE.	Mallam, Charles E.	1532 Kingman place.
Lee, Frederiek D.	1421 R st. NW.	Mallau, Thomas F.	27 B st. SE.
Lee, George H.	1620 15th st. NW.	Mallone, W. P.	1516 H st. NW.
Lee, Thacker F.	1322 11th st. NW.	Mann, Henry L.	331 Indiana ave.
Lee, Thomas S.	1711 I st. NW.	Mannakee, Elisha O.	1626 19th st. NW.
Leech, D. Olin	631 Maryland ave. NE.	Manning, Herbert M.	U. S. jail.
Leech, Frank	1715 14th st. NW.	Manning, William P.	1511 Rhode Island ave. NW.
Le Merle, E. L.	1507 8th st. NW.	Marble, Ella M. S.	
Lemon, Hanson T. A.	629 G st. SW.	Marbury, Charles C.	1121 14th st. NW.
Lenman, Louise N.	1112 New York ave. NW.	Marmion, George H.	1108 F st. NW.
Lewis, Duff G.	1311 14th st. NW.	Marmion, W. V.	1108 F st. NW.
Lewis, John L.		Marr, Samuel S.	1318 Corcoran st.
Lewis, Samuel E.	1418 14th st. NW.	Marshall, Charles H.	2710 P st. NW.
Lewis, William L.	Kensington, Md.	Marshall, Collins	2507 Pennsylvania ave. NW.
Lighthill, Edward B.	1418 K st. NW.	Martin, Thomas	310 New York ave. NW.
Little, John J.	1511 R st. NW.	Mason, Orville J.	1320 I st. NW.
Little, Joseph W.	1313 14th st. NW.	Mason, Robert F.	1810 N st. NW.
Littlewood, James B.	115 B st. NE.	Mason, William C.	1517 8th st. NW.
Lochboehler, George J.	55 K st. NW.	Masterson, William L.	21 st. NE.
Long, William	2133 K st. NW.	Matthews, Washington	1262 New Hampshire ave.
Lopp, William Henry	906 K st. NW.	Mattson, Charles R.	309 E st. NW.
Lorigan, Kathrine	220 Indiana ave. NW.	Maulding, James E.	626 9th st. NE.
Loring, Francis B.	1420 K st. NW.	Maxey, Frederick E.	1118 Rhode Island ave. NW.
Lothrop, Edwin S.	807 East Capitol st.	Mayer, Robert D.	Cherrydale, Va.
Lovejoy, James W. H.	900 12th st. NW.	Mayfield, Clifton	1335 30th st. NW.
Lowe, Horace M.	927 E st. NE.	Mazzei, Frank A.	110 C st. NW.
Lozier, Kate E.	The Olympia.	Meud, Theodore	808 22d st. NW.
Luce, Charles R.	215 2d st. SE.	Medford, Homer S.	138 C st. NE.
Lucey, William A.	457 N st. NW.	Mellott, Samuel W.	14 R st. NW.
Luekett, Llewellyn F.	1419 Rhode Island ave. NW.	Menocal, Oscar A.	
Luekett, William F.	1419 Rhode Island ave. NW.	Meredith, John Cabell	
Luttrell, Samuel S.	Falls Church, Va.	Merriam, Arthur C.	1201 New Jersey ave. NW.
Lynch, Robert L.	2824 11th st. NW.	Metzerott, John H.	1110 F st. NW.
Lynd, Ernest	Philadelphia, Pa.	Mew, William M.	1110 21st st. NW.
McArdle, Thomas E.	1120 16th st. NW.	Middleton, Rosier	1016 1st. NW.
McConnell, James C.	609 3d st. NW.	Miller, A. Caldwell	1609 Lincoln ave. NE.
McCormick, John H.	621 E st. NW.	Miller, Allen E.	Bureau of Education.
McCormack, Daniel P.	1139 12th st. NW.	Miller, J. Preston	2621 11th st. NW.
McDonald, Paul E.	1418 L st. NW.	Miller, Maurice E.	1339 15th st. NW.
McDonald, Thomas B.	Cumberland, Md.	Miller, Stephen C.	1324 New York ave. NW.
McDuffie, Jos. A.	1512 Madison st. NW.	Miller, Thomas	1616 7th st. NW.
McGee, Anita N.	1620 P st. NW.	Miller, William L.	110 K st. NW.
McGrath, Bernard F.		Mills, William P.	2141 Pennsylvania ave. NW.
McGuire, James C.	818 17th st. NW.	Miner, Francis H.	119 2d st. NE.
McIlheney, Jas. S.	Holt Oxford.	Munick, William H.	1603 7th st. NW.
McKaig, Joseph F.	2406 Pennsylvania ave. NW.	Mischeux, Paul J.	716 S st. NW.
McKeehan, George H.	516 12th st. NW.	Mitchell, Andrew B.	1917 1st. NW.
McKimmie, Oscar A. M.	533 X st. NW.	Mitchell, John W.	120 D st. SE.
McLain, John S.	1320 19th st. NW.	Moffit, Melville M.	127 B st. SE.
McLaughlin, Thos. N.	1226 N st. NW.	Mohun, Thomas B.	211 North Capitol st.
McLaughlin, George N.	907 X st. NW.	Montgomery, Chas. W.	623 6th st. NW.
McManas, George R.	1818 M st. NW.	Montgomery, Jacob H.	1905 K st. NW.
McMaster, A. McF.	717 14th st. NW.	Montgomery, Winfield S.	1912 11th st. NW.
McMillan, Samuel M.	Riverdale, Md.	Moore, Howard R.	929 17th st. NW.
McNally, Valentine	Hamilton House, 14th and K sts. NW.	Moore, Joseph B.	
McNeil, Eaton K.		Moore, Joseph H.	720 17th st. NW.
McPherson, Dorsey M.	1810 15th st. NW.	Moore, Mark W.	1203 North Capitol st.
McVary, Stephen A.	530 14 st. SW.	Moran, John F.	2426 Pennsylvania ave. NW.
Macatee, Henry C.	Garfield Hospital.	Monin, Pedro De S.	
MacDonald, George	617 13th st. NW.	Morgan, Edwin L.	2315 Pennsylvania ave. NW.
Macdonald, Thomas L.	1402 Massachusetts ave. NW.	Morgan, Francis P.	1230 9th st. NW.
Machinek, Camillo H.	1110 New York ave. NW.	Morgan, James D.	919 15th st. NW.
Mackall, James McV.	1721 Riggs place.	Morgan, Wm. Gerry	1417 Rhode Island ave. NW.
Mackall, Louis	3040 Dunbarton ave.	Morhart, F. H.	228 Morgan st. NW.
Mackall, Louis, jr.	1203 31st st. NW.	Morris, George G.	815 14th st. NW.
Macnamee, Arthur M.	908 Rhode Island ave. NW.	Morrison, Joseph	1077 P st. NW.
Maddox, Albert S.	816 15th st. NW.	Morrison, Mary E.	625 T st. NW.
Maddox, William R.	2139 Pennsylvania ave. NW.	Morse, Edward E.	1525 1 st. NW.
Maddren, Edith L.	1022 9th st. SE.	Morsell, William F.	1810 S st. NW.
Madella, William H.	2111 Pennsylvania ave. NW.	Motter, Murray G.	2114 Connecticut ave. NW.
Madison, Benjamin F.	117 B st. SE.	Moulden, Wm. R.	Emergency Hospital.
Magee, M. D'Arcy	1355 Corcoran st.		

*List of physicians entitled to practice in the District of Columbia, December 1, 1900—Cont'd.*

Name.	Address.	Name.	Address.
Mudd, Joseph A. ....	125 3d st. NE.	Pierre, Samuel M. ....	718 23d st. NW.
Mudd, Thomas D. ....	107 Harrison st., Anacostia, D. C.	Pile, Mayne M. ....	1328 R st. NW.
Mulcahy, Daniel D. ....	831 North Capitol st.	Pinkard, Henry M. ....	732 11th st. NW.
Mullins, John B. ....	1516 H st. NW.	Polkühorn, Henry A. ....	817 15th st. NW.
Muncaster, Magruder. .	1510 H st. NW.	Pool, Benjamin G. ....	945 Rhode Island ave. NW.
Muncaster, Otho M. ....	802 19th st. NW.	Pope, Gustavus W. ....	1109 14th st. NW.
Muncaster, Stewart B. .	1518 K st. NW.	Porter, Herbert W. ....	21 Q st. NE.
Muncey, Elizabeth B. .	Nw. cor. 14th and T sts. NW.	Portman, Adeline E. .	722 18th st. NW.
Munson, Leonard W. . .	3101 P st. NW.	Postpsiel, Joseph. . .	213 H st. NE.
Munson, Reginald. . .	507 4th st. NW.	Postley, Charles E. . .	1110 10th st. NW.
Murphy, Walter C. ....	730 17th st. NW.	Potter, Margaret S. . .	507 B st. NE.
Murray, T. Morris. . .	1227 New Hampshire ave.	Poulton, William E. . .	303 41 st. SW.
Myers, Randolph M. . .	Linden, Md.	Prather, John W. ....	Rockhill, S. C.
Nagle, Patrick E. ....	1705 10th st. NW.	Pratt, Alexis L. ....	213 A st. NE.
Napper, Walter P. ....	1723 Q st. NW.	Pratt, Daniel M. ....	1238 Florida ave. NE.
Nash, Francis S. ....	2114 H st. NW.	Prentiss, Daniel W. .	1101 14th st. NW.
Neal, J. H. ....	1730 Connecticut ave. NW.	Prewitt, George T. . .	117 2d st. NE.
Neff, Wallace. ....	10 B st. NE.	Price, John F. ....	607 6th st. NW.
Nelson, J. Edward. . .	Garfield Hospital.	Price, P. Willis. ....	1247 Maryland ave. NE.
Nesmith, Francis M. .	618 3d st. NW.	Price, William K. ....	932 2d st. NW.
Nevitt, James R. ....	641 A st. NE.	Pulsifer, Woodbury. .	1432 N st. NW.
Newberne, Robt. E. L. .	1510 H st. NW.	Purdy, Obadiah A. . .	821 4th st. NE.
Newell, William M. . .	2403 Pennsylvania ave. NW.	Purman, Lewis C. . .	15 7th st. SE.
Newell, William S. . .	Round Hill, Va.	Purnell, William W. .	1516 New Jersey ave. NW.
Newman, Henry M. . .	Hospital, U. S. Soldiers' Home.	Purvis, Charles B. . .	1118 13th st. N. W.
Nichols, Fenton Mercer	601 12th st. NW.	Pyles, Richard A. ....	210 Monroe st., Anacostia, D. C.
Nichols, John B. ....	219 41 st. NW.	Quay, John B. ....	627 2d st. NE.
Nicholson, Leonard S. .	825 Vermont ave. NW.	Quick, Thuis C. ....	1200 C st. SW.
Norcon, Henderson S. .	131 Maryland ave. NE.	Quivey, William L. . .	715 14th st. NW.
Nordhoff-Jung, Sofia A. .	U. S. Army.	Radcliffe, Samuel J. .	2733 P st. NW.
Norman, Francis A. . .	613 Florida ave. NW.	Ragan, Charles A. ....	Garfield Hospital.
Norris, John L. ....	1234 14th st. NW.	Ramsburgh, Jesse. . .	1021 Vt. ave. NW.
Norris, Phebe R. ....	1632 Superior st. NW.	Rand, William H. ....	2223 15th st. NW.
Norton, Rupert. ....	1312 12th st. NW.	Ransom, Stacy A. ....	Marine-Hospital Service.
Norwood, John C. ....	210 B st. SE.	Raub, Jacob F. ....	421 B st. NE.
Nowlin, Homer E. ....	1321 M st. NW.	Rautenberg, Arthur C. .	510 5th st. NW.
Ober, George C. ....	Trenton (P. O. building), N. J.	Rautenberg, Lewis E. .	510 5th st. NW.
O'Brien, Emilie Y. . .	815 9th st. NW.	Ravenburg, Rudolph. .	1322 W st. NW.
O'Connell, Jeffery C. .	3311 N st. NW.	Ray, Anthony M. ....	Wisconsin ave., Tennialtown, D. C.
O'Connor, Charles E. .	Milledgeville, Ga.	Raymond, John U. . .	666 E st. NE.
O'Donoghue, Ino. A. . .	1624 P st. NW.	Reed, Joseph O. ....	201 Pennsylvania ave. SE.
Oertel, Theodore E. . .	Port Huron, Mich.	Reeve, Delos N. ....	1417 Columbia st. NW.
Ogden, David M. ....	11 M st. NW.	Reeve, Jesse N. ....	1606 19th st. NW.
Olds, William J. ....	1161 1st st. NW.	Reeves, Will H. ....	217 Del. ave., NE.
O'Reilly, Thomas. . .	1415 Corcoran st. NW.	Reeves, Win. P. ....	1309 17th st. NW.
Osnum, Little C. ....	1711 New Jersey ave. NW.	Reichelderfer, Luther H.	500 4th st. SE.
Outlaw, John S. ....	1021 Connecticut ave. NW.	Reinhardt, Otto M. . .	Garfield Hospital.
Owsley, William T. . .	Cor. Monroe and Jackson sts., Anacostia, D. C.	Reisner, Emory W. . .	1209 13th st. NW.
Page, William R. ....	1210 7th st. NW.	Reuch, Victor B. ....	27 Grant place NW.
Park, Francis E. ....	Takoma Park, D. C.	Repetti, Frederick F. .	149 B st. SE.
Parker, Edward M. ....	SE. cor. 9th and E sts. NW.	Repetti, John J. ....	1017 14th st. NW.
Parker, Joseph M. ....	334 F st. NW.	Reville, Laura M. ....	2129 F st. NW.
Parkinson, Bernard A. .	1308 9th st. NW.	Reyburn, Ella F. ....	2129 F st. NW.
Parrott, Richard L. . .	Brookland, D. C.	Reyburn, Eugenia. . .	2129 F st. NW.
Parsons, Alfred V. ....	928 K st. NW.	Reyburn, Robert. . .	714 13th st. NW.
Parsons Mary A. ....	919 Virginia ave. SW.	Reyburn, Robert, Jr. .	1623 N st. NW.
Parsons, Starr. ....	825 Vermont ave. NW.	Rhett, Henry J. ....	1131 New Jersey ave. SE.
Patterson, Edwin W. . .	1316 Q st. NW.	Rhett, Frank R. ....	1102 L st. NW.
Peck, Melvin De W. . .	3014 O st. NW.	Rich, Alfred. ....	400 7th st. SW.
Pence, Charles W. ....	301 13th st. NW.	Richards, Nancy D. .	309 11th st. NE.
Penrod, Hiram J. ....	Laurel, Md.	Richardson, Edward E. .	1101 14th st. NW.
Percival, Francis R. . .	1418 L st. NW.	Richardson, George H. .	732 17th st. NW.
Perkins, Edward D. . .	1010 East Cap. st.	Riechey, Stephen O. . .	Vienna, Va.
Perkins, Thomas L. . .		Richmond, Paul. ....	1310 36th st. NW.
Perry, George N. ....		Ridgeley, Albert. ....	445 New York ave. NW.
Peter, Armistead. . .		Riegel, William A. L. .	1405 O st. NE.
Peterson, Bowman H. .		Riggles, J. Lewis. ....	1410 11th st. NW.
Petteys, Charles V. . .		Riggs, D. H. ....	Children's Hospital.
Phelps, William P. ....		Riley, Terrence G. . .	1367 Kenesaw ave. NW.
Phillips, Francis M. . .		Ritchie, Louis W. . .	2259 N st. NW.
Phillips, William F. R. .		Roane, James. ....	613 15th st. NW.
Pickford, Edward F. . .		Robbins, Ansel J. ....	

*List of physicians entitled to practice in the District of Columbia, December 1, 1900—Cont'd.*

Name.	Address.	Name.	Address.
Robbins, Henry A. ....	1750 M st. NW.	Sorrell, George R. ....	1108 H st. NW.
Roberts, Edwin E. ....	621 East Capitol st.	Sotheron, Elmer .....	1921 I st. NW.
Roberts, Palmer W. ....	621 East Capitol st.	Sotheron, Levin J. ....	2130 Pennsylvania ave. NW.
Roberts, Robert R. ....	1201 I st. NE.	Sowers, Zachariah T. ....	1320 New York ave. NW.
Roberts, William .....	1211 12th st. NW.	Spackman, Mary D. ....	1634 16th st. NW.
Robins, William L. ....	1700 13th st. NW.	Sprigg, William M. ....	1015 16th st. NW.
Robinson, Thomas .....	1358 Emerson st. NE.	Squire, Linus T. ....	122 E st. SE.
Rollings, Harry W. ....	2220 H st. NW.	Squire, Susanna J. ....	122 E st. SE.
Roman, Frederick O. ....	1901 8th st. NW.	Stack, Morris J. ....	Government Hospital for the Insane.
Roush, Alva S. ....	Hinton, W. Va.	Stafford, John J. ....	511 6th st. NW.
Roy, Philip S. ....	North Capitol and L sts. NW.	Staples, Aubrey H. ....	816 15th st. NW.
Ruffin, Sterling. ....	1023 Vermont ave. NW.	Stavely, Albert L. ....	1231 11th st. NW.
Russell, Howard C. ....	1021 Connecticut ave. NW.	Stearns, John S. ....	1125 Rhode Island ave. NW.
Rutherford, Jesse B. ....	Harrisburg, Pa.	Stearns, Solomon S. ....	1125 Rhode Island ave. NW.
Ryan, Harvey E. ....	207 G st. NW.	Stevens, Albert H. ....	Nichols ave., Anacostia, D. C.
Safford, James P. ....	921 R st. NW.	Stevens, Edward. ....	1510 P st. NW.
Sage, John B. ....	1638 20th st. NW.	Stevens, Henry C. ....	2010 E st. NW.
St. Clair, Francis A. ....	1319 T st. NW.	Stewart, Jno. W. ....	419 3d st. NW.
St. Clair, Francis O. ....	1428 Rhode Island ave. NW.	Stewart, William A. ....	1500 20th st. N. W.
Samson, Geo. C. ....	2123 Pennsylvania ave. NW.	Stone, Charles G. ....	Brightwood, D. C.
Savage, Linnaeus S. ....	Benning, D. C.	Stone, Isaac S. ....	1449 Rhode Island ave. NW.
Sawyer, John F. ....	1115 7th st. NW.	Stone, James H. ....	1308 Rhode Island ave. NW.
Schaeffer, Edward M. ....	815 11th st. NW.	Stone, Thomas R. ....	1345 F st. NW.
Schelsch, Otto W. ....	615 D st. NW.	Storch, August B. ....	112 E st. NE.
Scholl, Joseph. ....	903 9th st. NE.	Story, James J. ....	1328 Maryland ave. NE.
Schricker, Walter F. ....	1118 Connecticut ave. NW.	Stoutenburgh, John A. ....	206 B st. SE.
Scott, Edward D. ....	Hillsdale, D. C.	Stowell, Charles H. ....	1326 New York ave. NW.
Scott, James F. ....	24 Grant place NW.	Street, Daniel B. ....	1102 9th st. NW.
Scott, William K. ....	510 D st. SE.	Street, Daniel B., jr. ....	1821 New Hampshire ave. NW.
Selbert, Edward G. ....	640 G st. NW.	Street, Harlow R. ....	611 East Capitol st.
Selhausen, Harry A. ....	415 5th st. NE.	Strickler, Melchior B. ....	815 M st. NW.
Sellhausen, Ernest A. ....	2421 Pennsylvania ave. NW.	Strobel, Mary L. ....	105 5th st. NE.
Seltzer, Henry H. ....	1131 20th st. NW.	Stronberger, H. H. ....	7 Dupont circle.
Sessford, Joseph S. F. ....	901 R st. NW.	Stuart, Albert R. ....	1226 11th st. NW.
Sewell, Charles A. ....	1232 14th st. NW.	Stuart, James. ....	817 North Capitol st.
Shadd, Furmann J. ....	1328 New York ave. NW.	Sudarth, James L. ....	206 Ehu st. NW.
Shade, Nevin B. ....	1153 Rhode Island ave. NW.	Sudler, Thomas. ....	920 19th st. NW.
Shands, Anselms R. ....	1216 H st. NW.	Sullivan, Wellie L. ....	3050 N st. NW.
Shaw, John W. ....	1529 32d st. NW.	Summy, Benn W. ....	817 North Capitol st.
Shearer, Juliet G. ....	Woodside, Md.	Suter, Henderson. ....	1718 I st. NW.
Shekell, Abraham. ....	1613 Madison st. NW.	Suter, W. Given. ....	1726 32d st. SE.
Shelley, Albert. ....	400 9th st. SE.	Suter, William N. ....	25 5th st. SE.
Shepard, Jackson B. ....	53 Quincy st. NE.	Sutthoff, Milo H. ....	810 11th st. NW.
Shimer, Reuben L. ....	719 11th st. NW.	Swain, Oliver A. T. ....	1109 I st. NE.
Shirley, John J. ....	117 Maryland ave. NE.	Swartwout, Frank A. ....	1155 11th st. NW.
Shonlbers, George H. ....	814 9th st. NW.	Swett, Fred K. ....	2111 Pennsylvania ave. NW.
Shoup, Jesse. ....	1318 L st. NW.	Tancil, Arthur W. ....	65 R st. NW.
Shrader, Houston D. ....	1318 L st. NW.	Tappan, Joseph C. ....	419 2d st. NW.
Shute, Augusta P. ....	313 H st. NW.	Tarkington, Joseph A. ....	185 H st. NW.
Shute, Daniel K. ....	1515 R st. NW.	Taylor, Alfred H. ....	1616 7th st. NW.
Sillers, Robert F. ....	2356 6th st. NW.	Teff, Frederick O. ....	1218 11th st. NW.
Simmons, Alice M. B. ....	Oxen Hill, Md.	Test, Frederick C. ....	1100 L st. NW.
Simmons, Sherod S. ....	Government Hospital for the Insane.	Thomas, Ada R. ....	2226 6th st. NW.
Simpson, Edward P. ....	1602 13th st. NW.	Thomas, Carrie H. ....	1603 19th st. NW.
Simpson, John C. ....	252 11th st. SE.	Thomas, John D. ....	1217 North Capitol st.
Sims, William E. ....	1221 6th st. NW.	Thompson, Edgar D. ....	1218 New Hampshire ave. NW.
Slattery, John J. ....	Emergency Hospital.	Thompson, Henry P. P. ....	801 17th st. NW.
Smart, Benjamin H. ....	120 7th st. SE.	Thompson, J. Ford. ....	481 Maryland ave. SW.
Smith, Chas. Gordon. ....	1218 New Jersey ave. NW.	Thompson, Millard F. ....	357 M st. NW.
Smith, George W. ....	1100 M st. NW.	Thoussen, William J. R. ....	516 10th st. NW.
Smith, Hugh M. ....	3013 Irving st. NW.	Tiefenthaler, B. F. ....	428 3d st. NW.
Smith, Julia E. ....	2002 14th st. NW.	Tignor, William L. ....	1512 Q st. NW.
Smith, Leon J. ....	1133 12th st. NW.	Tompkins, Edmund L. ....	Romoke, Va.
Smith, Percy G. ....	920 King st., Alexan- dria, Va.	Tompkins, George J. ....	Government Hospital for the Insane.
Smith, Peter M. ....	3051 N st. NW.	Toner, John E. ....	531 3d st. NE.
Smith, Thomas C. ....	512 I st. NW.	Trudgian, Josiah B. ....	1222 11th st. NW.
Snowden, Arthur. ....	330 A st. SE.	Tulman, James R. ....	2905 14th st. NW.
Snyder, Arthur A. ....	1307 H st. NW.	Tucker, William P. ....	
Sohn, Frederick. ....		Turner, Molyneux. ....	
Sommer, Henry O. ....			
Sommenschmidt, Chas. W. ....			



*List of physicians entitled to practice in the District of Columbia, December 1, 1900—Cont'd.*

Name.	Address.	Name.	Address.
Tyler, Abbie C. ....	1126 12th st. NW.	Wertenbaker, Clark L. .	602 K st. NW.
Tyler, Robert B. ....	Freedmen's Hospital.	West, Charles I. ....	1823 Oregon ave. NW.
Upham, William C. ....	Langdon, D. C.	West, George W. ....	745 4th st. NW.
Ushaw, Thomas L. ....	1327 L st. NW.	West, John H. ....	515 F st. NW.
Vale, Frank P. ....	2 Thomas circle.	West, William E. ....	515 F st. NW.
Van Rensselaer, John .	1221 N st. NW.	Westlake, John A. ....	Ellis Island, N. Y.
Vincent, Thomas N. ....	Marine Hospital Service,	White, Charles S. ....	1105 E st. NW.
Von Ezdorf, Rudolph H .	New Orleans, La.	Whitney, Charles F. ....	647 Maryland ave. NE.
Wagner, Henry G. ....	1120 12th st. NE.	Whitson, Wm. Essex. .	429 6th st. NW.
Wagner, Robert S. ....	Hartleton, Union Co., Pa.	Whittington, Thos. A. .	1205 Q st. NW.
Wagner, William F. ....	5th and L sts. NW.	Wiber, David E. ....	1329 F st. NW.
Walker, Allen .	634 Whitney ave. NW.	Wilder, James R. ....	412 B st. SE.
Walker, Louis A. ....	217 D st. NW.	Wilkinson, Alfred D. .	455 Massachusetts ave.
Walker, Mary E. ....	208 Indiana ave. NW.	NW.	
Walker, Robert A. ....	934 B st. SW.	Williams, Daniel H. . .	Chicago, Ill.
Walls, Joseph S. ....	61 R st. NW.	Williams, Greene D. . .	1821 15th st. NW.
Wallace, C. Jaquins. . .	919 New York ave. NW.	Williams, J. Buxton, jr.	Brookland, D. C.
Walls, George .	1504 H st. NW.	Williston, Edward D. .	143 E st. NW.
Walsh, Ferdinand C. . .	200 East Capitol st.	Wilmier, William H. . .	1610 I st. NW.
Walsh, John E. ....	1504 H st. NW.	Wilson, Anne A. ....	1451 Rhode Island ave.
Walsh, Ralph. ....	1010 F st. NW.	NW.	
Walter, John .	1363 Maryland ave. NE.	Wilson, Lewes D. ....	316 B st. SE.
Walter, Leroy D. ....	487 H st. SW.	Winter, Eugene C. C. .	815 4 1/2 st. SW.
Ward, William F. ....	1132 22d st. NW.	Winter, John T. ....	719 Mount Vernon sq.
Ward, Samuel A. ....	1756 Pennsylvania ave.	Witmer, Abraham H. .	Government Hospital for
Ward, William K. ....	NW.	the Insane.	
Warfield, William A. .	Freedmen's Hospital.	Wolfe, Edwin P. ....	2904 P st. NW.
Waring, James H. N. . .	1932 11th st. NW.	Wood, George W. ....	3d and F sts. SW.
Warman, William H. H	3225 16th st. NW.	Woode, Charles II. . .	634 A st. NE.
Warren, Benj. S. ....	1329 Kenesaw ave. NW.	Woodman, Francis J. .	1114 New York ave. NW.
Warren, George W. ....	1212 H st. NE.	Woodward, H. Wells. .	508 I st. NW.
Warren, Stanley S. ....	908 15th st. NW.	Woodward, William C.	722 3d st. NE.
Washburn, William S. .	1223 M st. NW.	Woolen, L. J. ....	1443 Q st. NW.
Washington, Richard .	2816 14th st. NW.	Wooster, Mary L. ....	1443 Q st. NW.
Watkins, Edgar W. ....	1246 10th st. NW.	Wooster, Walter M. . .	1443 Q st. NW.
Watkins, Samuel E. ....	201 Monroe st., Anacost-	Wright, George H. ....	Tacoma Park, D. C., or
Watson, James A. ....	tia, D. C.	Forest Glen, Md.	
Watts, Samuel R. ....	1343 V st. NW.	Wright, Wilbur L. ....	926 F st. NW.
Weaver, Clarence A. . .	1614 Q st. NW.	Wurdemann, H. V. . .	Milwaukee, Wis.
Webb, Daniel A. ....	804 2d st. NW.	Yarnall, John H. ....	3028 P st. NW.
Webb, Edwin D. ....	1407 28th st. NW.	Yarrow, Henry C. ....	814 17th st. NW.
Webb, Frank J. ....	1335 N st. NW.	Young, Glendie B. ....	1433 Corcoran st NW.
Wellington, John R. . .	Hyattsville, Md.	Young, James T. ....	1336 New York ave. NW.
Wells, Charles A. ....	1101 14th st. NW.	Young, Parke G. ....	1103 O st. NW.
Wells, Walter A. ....	507 4th st. NW.	Young, Samuel V. ....	12th and F sts. NW.
Werber Gustavus E. ....		Yount, Clarence E. ....	Herndon, Va.
		Zimmerman, Charles	St. V.

## APPENDIX H.

### BERTILLON CLASSIFICATION OF CAUSES OF DEATH.

#### NOMENCLATURE OF DISEASES.

##### I.—General diseases.

1. Typhoid fever.
2. Typhus.
3. Scoury.
4. Smallpox.
5. Measles.
6. Scarlet fever.
7. Whooping cough.
8. Diphtheria and croup.
9. Influenza.
10. Miliary fever.
11. Asiatic cholera.
12. Cholera nostras.
13. Other epidemic diseases.
  - A. Yellow fever.
  - B. Pest.
  - C. Mumps.
  - D. Others.
14. Pyemia and septicemia.
15. Glanders and farcy.
16. Anthrax.
17. Rabies.
18. Relapsing fever.
19. Intermittent fever.
20. Malarial cachexia.
21. Pellagra.
22. Tuberculosis.
  - A. Of the lungs.
  - B. Of the meninges.
  - C. Of the peritoneum.
  - D. Of the skin.
  - E. Of other organs.
  - F. General.
23. Scrofula.
24. Syphilis.
25. Cancer.
  - A. Of the mouth.
  - B. Of the stomach, liver.
  - C. Of the intestines, rectum.
  - D. Of the female genital organs.
  - E. Of the breast.
  - F. Of the skin.
  - G. Others.
26. Rheumatism.
27. Gout.
28. Diabetes.
29. Exophthalmic goitre.
30. Addison's disease.
31. Leukemia.
32. Anemia, chlorosis.
33. Other general diseases.
34. Alcoholism (acute or chronic).
35. Lead poisoning.
36. Other chronic poisonings of occupations.
37. Other chronic poisonings.

##### II.—Diseases of the Nervous System and of the Organs of Sense.

38. Encephalitis.
39. Simple meningitis.
40. Progressive locomotor ataxia.
41. Progressive muscular atrophy.
42. Cerebral hemorrhage and congestion.
43. Softening of the brain.
44. Paralysis without indicated cause.
45. General paralysis.
46. Other forms of insanity.
47. Epilepsy.

##### II.—Diseases of the Nervous System and of the Organs of Sense—Cont'd.

48. Nonfebrile eclampsia.
49. Convulsions of infants.
50. Tetanus.
51. Chorea.
52. Other diseases of the nervous system—
  - [A. *Hysteria*.
  - B. *Neuralgia*.
  - C. Others.]
53. Diseases of the eyes.
54. Diseases of the ears.

##### III.—Diseases of the Circulatory System.

55. Pericarditis.
56. Endocarditis.
57. Organic diseases of the heart.
58. Angina pectoris.
59. Diseases of the arteries, atheroma, aneurism, etc.
60. Embolism.
61. Varices, varicose ulcers, hemorrhoids.
62. Phlebitis and other diseases of the veins.
63. Lymphangitis.
64. Other diseases of the lymphatic system.
65. Hemorrhage.
66. Other diseases of the circulatory system.

##### IV.—Diseases of the Respiratory System.

67. Diseases of the nasal fossa.
68. Diseases of the larynx and thyroid body.
69. Acute bronchitis.
70. Chronic bronchitis.
71. Broncho-pneumonia.
72. Pneumonia.
73. Pleurisy.
74. Congestion and apoplexy of lungs.
75. Gangrene of lungs.
76. Asthma and pulmonary emphysema.
77. Other diseases of respiratory system (phthisis excepted).

##### V.—Diseases of the Digestive System.

78. Diseases of the mouth and adnexa.
79. Diseases of the pharynx and esophagus.
  - A. Pharynx.
  - B. Esophagus.
80. Ulcer of stomach.
81. Other diseases of the stomach (cancer excepted).
82. Infantile diarrhea, atrophy.
83. Diarrhea and enteritis.
84. Dysentery.
85. Intestinal parasites.
86. Hernia, intestinal obstructions.
87. Other diseases of the intestines.
  - [A. Other diseases of the intestines.
  - B. *Diseases of the anus; fecal fistulas.*]
88. Acute yellow atrophy of the liver.
89. Hydatid tumor of the liver.
90. Cirrhosis of the liver.
91. Biliary calculi.
92. Other diseases of the liver.

*Nomenclature of diseases—Continued.***V.—Diseases of the Digestive System—Continued.**

- 93. Inflammatory peritonitis (nonpuerperal).
- 94. Other diseases of the digestive system (cancer and tuberculosis excepted).
- 95. Iliae abscess.

**VI.—Diseases of the Genito-Urinary System and Adnexa.**

- 96. Acute nephritis.
- 97. Bright's disease.
- 98. Perinephritis and perinephritic abscess.
- 99. Renal calculus.
- 100. Other diseases of the kidneys and adnexa.
- 101. Vesical calculi.
- 102. Diseases of the bladder.
- 103. Diseases of the urethra.  
[A. *Blennorrhagia males*.  
B. Others (stricture, abscess, etc.).]
- 104. Diseases of the prostate.
- 105. Diseases of the testicle and its envelopes.  
Orchitis.
- 106. Other diseases of the male genital organs.
- 107. Abscess of the pelvis.
- 108. Perilutrine hematocoele.
- 109. Metritis.
- 110. Uterine hemorrhage (nonpuerperal).
- 111. Uterine tumors (noncancerous).
- 112. Other diseases of the uterus.
- 113. Ovarian cysts and other ovarian tumors.
- 114. Other diseases of the female genital organs.  
[A. *Blennorrhagia females*.  
B. *Leucorrhoea*.  
C. Others.]
- 115. Nonpuerperal diseases of the breast (cancer excepted).

**VII.—Puerperal Condition.**

- 116. Accidents of pregnancy.  
[116, repeated. *Normal labor*.]
- 117. Puerperal hemorrhage.
- 118. Other accidents of labor.
- 119. Puerperal septicemia.  
[A. Puerperal septicemia.  
B. Puerperal phlebitis.
- 120. Puerperal metropéritonitis.
- 121. Puerperal albuminuria and eclampsia.
- 122. Puerperal phlegmasia alba dolens.
- 123. Other accidents of pregnancy. Sudden death.
- 124. Puerperal diseases of the breast.

**VIII.—Diseases of the Skin and Cellular Tissue.**

- 125. Erysipelas.
- 126. Gangrene.
- 127. Anthrax, carbuncle.
- 128. Phlegmon, acute abscess.
- 129. Other diseases of the skin and adnexa (cancer excepted).  
[A. *Soft chancre*.  
B. *Tinea furfur*.  
C. *Tinea tonsurans*, *trichophytosis*.  
D. *Pelada*.  
E. *Psora*.  
F. Other diseases of the skin and adnexa.]

**IX.—Diseases of the Organs of Locomotion.**

- 130. Pott's disease.
- 131. Cold abscess, symptomatic abscess.
- 132. Other diseases of bones.
- 133. White swellings.
- 134. Other diseases of the joints.  
[A. *Arthritis*.  
B. Others.]
- 135. Amputation.
- 136. Other diseases of organs of locomotion.

**X.—Malformations.**

- 137. Malformations.

**XI.—Infantile.**

- [137, repeated. *Newly born; foundlings*.]
- 138. Congenital debility, icterus and sclerema.
- 139. Want of care.
- 140. Other diseases peculiar to infancy.

**XII.—Old Age.**

- 141. Senile debility.

**XIII.—External Violence.**

- 142. Suicide or attempt at suicide.  
A. By poison.  
B. By asphyxia.  
C. By strangulation.  
D. By firearms.  
E. By cutting instruments.  
F. By drowning.  
G. By precipitation from height.  
H. By crushing.  
I. Others.
- 143. Fractures.
- 144. Sprains and dislocations.  
[A. *Sprains*.  
B. *Dislocations*.]
- 145. Other accidental injuries.
- 146. Burns.  
A. By fire.  
B. By corrosive substances.
- 147. Sunstroke and freezing.
- 148. Accidental drowning.
- 149. Overwork and inanition.  
[A. *Overwork*.  
B. *Inanition*.]
- 150. Inhalation of noxious gases (suicide excepted).
- 151. Other accidental poisoning.
- 152. Other external violence.

**XIV.—Ill-Defined Diseases.**

- 153. Exhaustion, cachexia.
- 154. Fever.  
[A. *Gastric disorder*.  
B. *Inflammatory fever*.]
- 155. Dropsy.
- 156. Asphyxia, cyanosis.
- 157. Sudden death.
- 158. Abdominal tumor.
- 159. Other tumors.
- 160. "Plaie."
- 161. Unknown or not specified diseases.

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# APPENDIX I.

## VITAL STATISTICS.

*Number of deaths in the District of Columbia in 1899-1900, by squares and divisions, for the year ended June 30, 1900.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
1.....		1			4			5	
2.....		1			1			2	
4 W.....									
4 N.....		3						3	
4.....		2						2	
5.....		2			9			11	
6.....		2			1			3	
8.....									
9.....									
11.....					1			1	
12.....		1						1	
13.....					1			1	
14 W.....									
14.....		2			6			8	
15.....		1			1			2	
16.....		8			6			14	
17.....		1			2			3	
17 S.....									
18.....					1			1	
19.....		1			3			4	
20.....		2						2	
21.....					4			4	
23.....		3						3	
24.....		1			6			7	
25.....									
26.....		1						1	
27.....		2						2	
28.....		4			9			13	
29.....		6			1			7	
30.....		1			3			4	
31.....		1						1	
32.....		3			5			8	
33.....					1			1	
34 (not on map).....									
4 res.....									
36.....		1			2			3	
37.....		4			6			10	
38.....					2			2	
39.....					1			1	
40.....		6						6	
41.....		5			3			8	
42.....		2			7			9	
43.....		1						1	
44.....		1			3			4	
45 (not on map).....									
46 (not on map).....									
47 (vacant).....									
48.....									
49.....					4			4	
50.....									
51.....		3			7			10	
52.....		2						2	
53.....									
54.....		6						6	
55.....		5			2			7	
56.....		2						2	
57.....		2			2			4	
58.....									
59.....		2			4			6	
60.....					1			1	
61.....					5			5	
62.....					2			2	





*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
137.									
138.		1						1	
139.		4						4	
140.		1			12			13	
141.		1						1	
142.		2			2			4	
143.		1						1	
144.					2			2	
145.									
146.					1			1	
147.									
148.					1			1	
149.					10			10	
150.		1			1			2	
151.		3			8			11	
152.		1						1	
153.									
153 S. (vacant)					4			10	
154.		6						3	
155.		3						4	
156.		4						2	
157.		2						2	
158.		2						1	
159.		1						1	
160.		1			1			1	
161.					3			7	
162.		4			7			7	
163.									
164.		2						2	
165.		3						3	
166.									
167.		1						1	
168.					1			1	
169.		2			2			4	
170.					3			3	
171.					9			9	
172.		2			1			3	
173.									
173 S.					1			1	
174.									
175.		1			3			4	
176.					1			1	
177 N.									
177.		1						1	
178.		1			7			8	
179.		4			3			7	
180.		2			3			5	
181.									
181 S.					1			1	
182 N.					6			8	
182.		2			2			3	
183.		1						1	
184.		1						1	
185.		1						1	
186.									
187 (not on map)									
188 (vacant)									
188 S. (vacant)									
189 N.									
189.		1						1	
190.		5			4			9	
191.									
192.		4						4	
193.		1			4			5	
194.		7			1			8	
195.									
195 S.					2			3	
196 N.		1			1			1	
196.					10			10	
197.		1			1			2	
198.		3						3	
199.		2						2	
200.									
201 (not on map)		3			3			6	
202.									
203.		4						4	
204.									
205.		5			9			14	
206.					1			4	
207.		3							

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
208.....		8						8	
209.....		1			9			10	
210.....		4			1			5	
211.....		3			3			6	
212.....		4						4	
213.....									
214.....		4			3			7	
215.....									
216.....		2						2	
217.....		2						2	
218.....		2			1			3	
219.....		2						2	
220.....									
221.....		2						2	
222.....		3			3			3	
223.....		1						1	
224.....									
225.....									
226.....		3						3	
227.....		3						3	
228.....		2			2			1	
229.....									
230.....					1			1	
231.....					2			2	
232.....		1						1	
233.....									
234.....		2			2			4	
235.....		2			5			7	
236.....		3			1			4	
237.....		4			3			7	
238.....		6			11			17	
239.....		1						1	
240.....		7						7	
241.....		2						2	
242 N.....		1						1	
242.....		4						4	
243.....		2						2	
244.....		1						1	
245.....		3			1			4	
246.....		1						1	
247.....		5			6			11	
248.....		2						2	
249 (Franklin square).....									
250.....		1						1	
251.....					1			1	
252.....		4			1			5	
253.....					1				
254.....		2						2	
255.....		1						1	
256.....									
257.....		1			1			2	
258.....		1			3			4	
259 (planing mills).....									
260 (planing mills).....									
261 (not on map).....									
262 (not on map).....									
263.....		1							
264.....		8			1			2	
265.....		2						8	
266.....		2						2	
267 (Baltimore and Potomac R. R. freight yards).....		2						2	
267 SE. (Baltimore and Potomac R. R. freight yards).....									
268 (Baltimore and Potomac R. R. freight yards).....									
269 (Baltimore and Potomac R. R. freight yards).....									
270 (Baltimore and Potomac R. R. freight yards).....									
271.....									
272.....		1			7			8	
273.....					1			1	
274.....		1			2			3	
275.....		1			3			4	
		1			1			2	

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
276.....		2			1			3	
277.....		5			3			8	
277 S.....									
278 N.....									
278.....		1			1			2	
279.....		2			1			3	
280.....		4			2			6	
281.....		6						6	
282.....					2			2	
283.....		2						2	
284.....									
285.....		6						6	
286.....		4			2			6	
287.....		3						3	
288.....		4						4	
289.....		2						2	
290.....		3			2			5	
291.....		1						1	
292.....		1						1	
293.....		1			2			3	
294.....									
295.....		1						1	
296.....		6			1			7	
297.....		2			4			6	
298 (Baltimore and Potomac freight yards).....									
299.....									
300 (Southern R. R. shed.).....									
301 (not on map).....									
302.....					2			2	
303.....					2			2	
304.....									
305.....					3			3	
306.....		2			4			6	
307.....		1			2			3	
308.....					2			2	
309.....		1			1			1	
310.....		1			1			2	
311.....									
312.....		3						3	
313.....					1			1	
314.....		1			1			2	
315.....		3			1			4	
316.....		2						2	
317.....		3			4			7	
318.....		6			1			7	
319.....		3						3	
320.....		2						2	
321.....		1						1	
322.....		1						1	
323 (new post-office).....		2						2	
324.....									
325.....		4						4	
326.....									
327.....		2						2	
328.....					1			1	
329.....									
330 (vacant).....									
331.....					5			5	
332.....					5			5	
333.....		2						2	
334 N.....		1			1			2	
334.....		1			1			2	
335.....		1						1	
336.....					6			6	
337 N.....									
337.....					1			1	
338.....		1			3			4	
339.....		5						5	
340.....		2			2			4	
341.....		2						2	
342.....		4			1			5	
343.....		2						2	
344.....		1			1			2	
345.....		4						4	
346.....					1			1	
347.....		3						3	
348.....		3						3	

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
349.....					1			1	
350.....								1	
351 N.....		1						1	
351.....		2						2	
352.....		2						2	
353.....		5			1			6	
354.....		2						2	
355.....		1						1	
356 (Ice Co. stables).....									
357.....		4			5			9	
358.....		1			8			9	
359.....					5			5	
360.....					1			1	
361.....		6			2			8	
362.....		2						2	
363.....		4			1			5	
364.....		3			1			4	
365.....		6			1			7	
366.....		3						3	
367.....		4			5			9	
368.....		5						13	
369.....		7			4			11	
370.....		3						3	
371.....		3						3	
372.....		1						1	
373.....		8			3			11	
374.....		5						5	
375.....		6						6	
376.....		2						2	
377.....		2			2			4	
378.....		3			1			4	
379.....									
380.....		2			1			3	
381.....									
382.....		1						1	
383.....		6						6	
384.....		5						5	
385.....									
386 (Baltimore and Po- tomaie R. R. freight yards).....					2			2	
387.....		3			5			8	
388.....		3			9			12	
389.....		5			2			7	
390.....		1						1	
391 (warehouses).....									
392 (not on map).....									
393.....		1			1			2	
394.....		3						3	
395.....		2			1			3	
396.....		1						1	
397.....		3						3	
398.....		2						2	
399.....		4			1			5	
400.....		2						2	
401.....		8			1			9	
402.....		3						3	
403.....		3						3	
404.....									
405.....		2						2	
406.....		1						1	
407.....									
408.....									
409.....		2						2	
410.....		1						1	
411.....		2			5			7	
412.....		4						4	
413.....		2						2	
414.....		3			1			4	
415 S. (foundry, etc.).....									
416.....		4						4	
417.....		2						2	
418 (not on map).....									
419.....		3			4			7	
420 N.....		1						1	
420.....		3						3	
421.....		3						3	
422.....									
423.....		1						1	
424.....		2						2	

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
425.....		4			2			6	
426.....		3						3	
427.....									
428.....									
429.....		3						3	
430 (General Post- Office).....									
431.....									
432 (Agricultural De- partment and Smithsonian Insti- tution).....									
433.....		1						1	
434.....		1						1	
435.....		5			2			7	
436.....		2			1			3	
437.....		3						3	
438.....		1						1	
439.....		4						4	
439 S.....									
440.....									
441.....		4			5			9	
442.....		3			7			10	
443 (not on map).....									
444.....					1			1	
445.....		4			5			9	
446.....		3						3	
447.....		4			6			10	
448.....		7			8			15	
449.....		3			7			10	
450.....		2						2	
451.....									
452.....		5			2			7	
453.....		3			6			9	
454.....		5						5	
455.....		2						2	
456.....		4						4	
457.....		4						4	
458.....									
459.....		1						1	
460.....		1						1	
461.....									
462.....		4						4	
463.....		2			1			3	
463 S.....		1			1			1	
464.....		1						1	
465.....		8			3			11	
466.....		5						5	
467.....		1			2			3	
468.....		2			2			4	
469.....		4			4			8	
470.....		7			2			9	
471 W. (machine shop).....									
471.....		1			4			5	
472.....		4			1			5	
473.....		1						1	
474 (not on map).....									
475.....		1			2			3	
475 S.....									
475 E.....					2			2	
476.....		1						1	
477.....		2			2			4	
478.....		2			1			3	
479.....		2			1			3	
480.....					1			1	
481.....		2			1			3	
482.....		6						6	
482 S. (vacant).....									
483.....									
484 W.....					1			1	
484.....		3			1			4	
485.....									
486.....		5						5	
487.....		4			1			5	
488.....		1			1			2	
489.....		1						1	
490.....		3			1			4	
491.....		4						4	
A res.....		15						15	

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
B res		4			2			6	
C res					6			6	
D res		6			1			7	
492		6			1			7	
493		1						1	
494		6			4			10	
495		2						2	
496		8						8	
497		6			2			8	
498		4			5			9	
499		5			5			10	
500		5			5			10	
501		5			4			9	
502		13			7			20	
503		7						7	
504		1						1	
505 (not on map)									
506 (not on map)									
507 N									
507		3			1			4	
508 N		1						1	
508		1			1			2	
509		5			2			7	
509 E					9			9	
510		6			7			13	
511		11			24			35	
512		11			24			35	
513		4			9			13	
514		8			1			9	
515 N		5			2			7	
515		1			5			6	
516		8			4			12	
516 S		4			6			10	
517		2			2			4	
518		10			8			18	
519									
520		2			1			3	
521					4			4	
522					1			1	
523		6			1			7	
524		2						2	
525		1			7			8	
526		1			4			5	
527		2			4			6	
528		1			2			3	
529		6			1			7	
530		1						1	
531		1						1	
532		4						4	
533		4						4	
10 res		21			4			25	
11 res		3			3			6	
12 res		1						1	
Botanical Gardens									
534		3			20			23	
535		1			8			9	
536		4			5			9	
537 (vacant)									
538		1			9			10	
539		3			12			15	
540		3			5			8	
541		3			2			5	
542		8			1			9	
543		2			9			11	
544		4			9			13	
545		2			8			10	
546		10						10	
546 E									
547		1						1	
Washington Barracks									
547 E. (vacant)									
548 (not on map)									
549 (not on map)									
550		2						2	
551		1			9			10	
552									
553 W		1			1			2	
553		1			9			10	
554 W									
554		5			4			9	

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
555.....		2						2	
556.....		1			4			5	
557.....		4			18			22	
558.....		2			1			3	
559.....		4			7			11	
560.....		1			1			2	
561.....		4						4	
562.....		2			3			5	
562 S.....		1			1			2	
563 N.....									
563.....		1						1	
564.....		5			6			11	
565.....									
566.....		4			3			7	
567.....		1						1	
568.....		4						4	
569.....		2			5			7	
570.....		5			1			6	
571.....		2						2	
572.....		1			1			2	
572 S.....									
573.....		5						5	
574.....		4						4	
575.....		6						6	
576.....					4			4	
577.....		1			7			8	
578.....		4						4	
579.....		1			3			4	
580 N. (vacant).....									
580.....		2			9			11	
581.....		2			5			7	
582.....		3			6			9	
583 N. (vacant).....									
583.....		1			6			7	
584.....					12			12	
585.....					11			11	
586.....		3			6			9	
587.....					7			7	
588.....					10			10	
589.....					9			9	
590.....					3			3	
590 E. (vacant).....									
591.....					6			6	
592.....					5			5	
593.....					4			4	
594.....					7			7	
595.....					1			1	
596.....		3			2			5	
597 W.....					2			2	
597.....		1			8			9	
598.....		3			1			4	
599.....					2			2	
600.....									
601.....		1						1	
602.....									
603.....									
604 (vacant).....									
605 (vacant).....									
606.....		1			1			2	
607.....									
608 (vacant).....									
609.....									
610.....									
611.....									
612 (vacant).....									
613 (vacant).....									
614.....		1						1	
615.....		7			4			11	
616.....		6			10			16	
617.....		2			11			13	
618.....		2						2	
619.....		5			1			6	
620.....		7			23			30	
621.....		6			5			11	
622.....		3						3	
623 W.....		3						3	
623.....		6			15			21	
624 W. (vacant).....									
624.....		1			5			6	
625.....		9			2			11	

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
625 S.					1			1	
626		7			1			8	
627									
628		3			7			10	
629		1			1			2	
630		4			1			5	
631		2						2	
632 (Baltimore and Ohio R. R. depot)									
633		1						1	
634		3			5			6	
635		1			2			3	
635 S.									
636									
637									
638					2			2	
639					2			2	
640		5			1			6	
641		2			2			4	
642 N. (vacant)									
642					3			3	
642 E.									
643		1			7			8	
644 E.									
643 S. (vacant)									
644					1			1	
645 W.					2			2	
645					4			4	
646 (vacant)									
647									
648									
649					2			2	
650 N.					2			2	
650					5			5	
651					1			1	
652		1			4			5	
653		2			5			7	
654		1			1			2	
655 (vacant)									
656		2						2	
657 (vacant)									
658									
659 (not on map)									
660									
661									
662									
662 E.		1			3			4	
663									
664									
664 E.									
665									
666 (vacant)					1			1	
667									
667 E.									
667 S.									
667 S. E.									
668									
669		4						4	
670		2			2			4	
671		2			1			3	
672									
673 (vacant)					1			1	
674					1			1	
675		6			14			20	
676		20						20	
677		7						7	
678 (lumber yard)		5			9			14	
679									
680					1			1	
681 (Baltimore and Po- tomac R. R. freight yards)		1			1			2	
682									
683		2						2	
684		1						1	
685		2						2	
686		3						3	
687 (not on map)		3						3	
688 (not on map)									
689									



*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
690.....		3						3	
691.....		3			2			5	
692.....		2			1			3	
693.....		1			4			5	
694.....		2			1			3	
695 NW. (Baltimore and Potomac R. R. freight yards).....									
695 (Baltimore and Potomac R. R. freight yards).....									
95 (vacant).....									
696.....		1			1			2	
697 N. (vacant).....									
697.....		4						4	
698 (vacant).....									
699 N.....		1						1	
699.....					3			3	
600.....		2						2	
701.....		1						1	
702.....		1			1			1	
703.....		2						2	
704 (vacant).....									
705 (vacant).....									
706.....									
707.....									
708.....									
708 E. (vacant).....									
708 S. (vacant).....									
709.....									
710 (vacant).....									
710 E. (vacant).....									
711.....		1						1	
711 E.....									
712.....					1			1	
713 (vacant).....									
714.....									
715.....		3			8			11	
716.....									
717.....		1						1	
718.....		2						2	
719.....									
720.....		2						2	
721.....		7						7	
722.....		1						1	
723.....		4			1			5	
724.....		3			3			6	
725.....		6			5			11	
726.....		1						1	
727.....		1						4	
728.....		3			1			4	
729 (Congressional Li- brary).....									
730 (Congressional Li- brary).....									
731 (not on map).....									
732.....		5			2			7	
733.....		2						2	
734.....		6			3			9	
735.....		1						1	
736.....		5						5	
737.....		1			7			8	
738.....					2			2	
739.....		2			1			3	
740.....									
741.....		1						1	
742.....					1			1	
743 N.....		2			1			3	
743.....		3			11			14	
744.....		8			1			9	
744 S. (vacant).....									
745 (not on map).....									
746 (not on map).....									
747 N. (vacant).....									
747 (vacant).....									
748.....					4			4	
749.....		2			1			3	
750.....									
751.....									
752.....		1			1			5	

## REPORT OF THE HEALTH OFFICER.

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
753.....		3			6			9	
754.....		1						1	
755.....		3			2			5	
756.....		1						1	
757.....		2			4			6	
758.....								3	
759.....		2			1			6	
760.....		6						2	
761.....		2						7	
762.....		4			3			1	
763.....		4							
764.....								1	
765.....		1						3	
766.....		3						3	
767.....		1			2			3	
768.....		1						1	
769.....		3						3	
770.....		1			6			7	
771.....		2						2	
772 N.....									
772.....									
773.....		1						1	
774.....		1						1	
775.....		1						1	
776.....		5						5	
777.....		3						3	
778.....		3			3			6	
779.....		6			1			7	
780.....		3			1			4	
781.....									
782.....		3			1			4	
783.....									
784.....		1			1			2	
785.....		3			3			6	
786.....		4			3			7	
787.....		1						1	
788.....		4			1			5	
789.....		1						1	
790.....		1						1	
791.....					1			1	
792.....					1			1	
793.....		1			1			2	
794.....		2			2			4	
795.....					4			4	
796.....		1						1	
797.....					6			6	
798.....		1						1	
799.....		1			2			3	
800.....		2						2	
801.....		4						4	
802.....		3			1			4	
803 (not on map)									
804 (not on map)									
805.....		5						5	
806.....		1						1	
807.....									
808.....		3						3	
809.....									
810.....		1						1	
811.....									
812.....		1			2			3	
813.....		1			1			2	
814.....		2						2	
815.....									
816.....		4			1			5	
817.....		3						3	
818.....		1						1	
819.....		1			1			2	
820.....								1	
821.....					2			2	
822.....		1			1			2	
823.....								1	
824.....					1			1	
825.....					1			1	
825 S.....		1						1	
826.....		3						3	
827 (not on map)									
828.....									
829.....		2			1			1	
830.....		3						3	

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
831.....		1						1	
832.....		1						1	
833.....									
834.....									
835.....									
836.....		2			1			3	
837.....		1						1	
838.....		1						1	
839.....		4						4	
840.....		1						1	
841.....		1						1	
842.....		3						3	
843.....					1			1	
844.....		2			4			6	
845.....		2						3	
846.....		3						2	
847.....		2							
848 (not on map).....									
849.....									
850 (not on map).....									
851 (not on map).....									
852 (not on map).....									
853 N.....					1			1	
853 (vacant).....									
854.....		1						1	
855 N.....									
855.....		2			1			3	
856.....		6						6	
857.....		1						1	
858.....		1			1			2	
859.....		12						12	
860.....		2						2	
861.....		5			3			8	
862 (vacant).....									
863.....					1			1	
864.....		7						7	
865.....		3			2			5	
866.....		4						4	
867.....		3						3	
868.....									
869.....		3						3	
870.....		5			7			12	
871.....		3			1			4	
872.....		1						1	
873.....		4			1			5	
874.....		3						3	
875.....		1			1			2	
876.....		9			6			15	
877.....		6			15			21	
878.....		1						1	
879.....									
880 (15 and 16 res. va- cant).....					3			3	
881.....					1			1	
882.....		1						1	
883 (not on map).....									
884 (not on map).....									
885 (not on map).....									
886.....									
887.....									
888.....									
889.....									
890.....		1						1	
891.....		2						2	
892.....									
893.....					2			2	
893 S.....									
894.....		4						4	
895.....		1						1	
896.....		2						2	
897.....		3						3	
898.....		1						1	
899.....		2						2	
900.....		3						3	
901.....									
902.....									
903.....		4						4	
904.....		5						5	
905.....		5			1			6	
906.....		1						1	



*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
980 N.....		1						1	
980 (vacant).....									
981.....		2						2	
982.....		2						2	
983.....		4			2			6	
984.....					1			1	
985.....					1			1	
986.....		2						2	
987.....		6						6	
988.....		1						1	
989.....		2			5			7	
990.....		1						1	
990 S.....									
991.....		1						1	
992.....									
993 (not on map).....									
994.....		1						1	
995.....		1						1	
996.....		2						2	
997.....									
998 (not on map).....									
999.....		4						4	
1000.....		2			1			3	
1001 S.....									
1002.....		8			13			21	
1003.....		6			4			10	
1004.....		6						6	
1005.....									
1006.....		1						1	
1007.....		4						4	
1008.....					1			1	
1009.....		3						3	
1010.....		2						2	
1011.....									
1012.....		3			3			6	
1013.....									
1014.....									
1015.....									
1015 S.....									
1015 E.....									
1016 (not on map).....									
1017 N.....									
1017.....									
1018.....		1			9			10	
1019.....		4			1			5	
1019 S.....		1						1	
1020.....		9			2			11	
1021.....		2			1			3	
1022.....									
1023.....		6						6	
1024 (vacant).....									
1025.....									
1025 E (vacant).....									
1025 S (vacant).....		1						1	
1026 N.....									
1026.....		1						1	
1027.....		4						4	
1027 S.....									
1028.....		1						1	
1029.....		1						1	
1030.....									
1031.....									
1032 (vacant).....									
1033 NW.....					3			3	
1033.....		1			5			6	
1034.....		2			2			4	
1035 N (vacant).....									
1035.....									
1036.....									
1036 S (vacant).....									
1037 (vacant).....									
1038.....					1			1	
1039.....		1						1	
1039 S.....									
1040.....					3			3	
1041.....					2			2	
1042.....					3			3	
1042 E.....		1						1	
1043.....		3						3	

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
1044.....					1			1	
1045.....								1	
1046.....		1			1			6	
1047.....		5						3	
1048.....		3							
1048 S. (vacant).....									
1049 N.....								3	
1049.....		3							
1050.....		5			1			6	
1051.....									
1052.....									
1053 N. (vacant).....									
1053 (vacant).....									
1054 (vacant).....									
1055.....		1			1			2	
1056.....		1						1	
1057 (vacant).....								5	
1058.....		1			1			1	
1059.....					1			2	
1059 S.....					1			6	
1060.....		2			1				
1061.....									
1062.....									
1062 S. (vacant).....									
1063.....									
1064 (vacant).....									
1065 NE. (vacant).....									
1065.....									
1066.....		1			1			2	
1067 (vacant).....					1			1	
1068.....									
1068 S. (vacant).....									
1069.....									
1070.....		1			1			2	
1071.....					1			1	
1072.....					1			2	
1072 S.....		1			1				
1073.....								4	
1074.....		2			2				
1075.....		2						2	
1076.....									
1077 (vacant).....									
1078.....		1						1	
1079.....									
1079 SE. (vacant).....									
1080 (vacant).....									
1081 (not on map).....									
1082.....					1			1	
1083.....									
1084 (vacant).....									
1085.....					1			1	
1086.....		1			1			2	
1087.....									
1088.....					1			1	
1089 (vacant).....									
1090.....		1						1	
1091.....									
1091 S. (vacant).....									
1092.....									
1092 S. (vacant).....									
1093.....									
1094.....					1			1	
1095.....					1			1	
1096.....									
1097.....									
1098.....									
1099 (not on map).....					1			1	
1100 (vacant).....									
1101 (not on map).....									
1102 (vacant).....									
1103 not on map.....									
1104 (not on map).....									
1105 (not on map).....									
1106 (not on map).....									
1107.....									
1108.....									
1109 (vacant).....					1			1	
1110.....									
1112.....					1			1	
1113 NE. (vacant).....					1			1	



Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.

GEORGETOWN.

Number of square.	White.			Colored.			Total.		
	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
1.					1			1	
2.									
3 (lumber yards, etc.)									
4.									
5 (coal wharves, etc.)									
6 (coal wharves, etc.)									
7 (coal wharves, etc.)									
8 (coal wharves, etc.)									
9 (coal wharves, etc.)									
10.									
11.		1						1	
12.		3						3	
13.					1			1	
14.		1			1			2	
15.									
16.		1			3			4	
17.		2						2	
18.					2			2	
19.					3			3	
20.		4			2			6	
21.		4						4	
22.		1						1	
23.		1						1	
24.									
25.		1			1			5	
26.		3			2			5	
27.									
28.		1						1	
29.		1						1	
30.		3			2			5	
31.		1			4			5	
32.		5			1			6	
33.									
34.		1						4	
35.		1			1			5	
36.									
37.		7			1			7	
38.		9						10	
39.		5						5	
40.		3			1			4	
41.		5						5	
42.		1			3			4	
43.		1						1	
44.					6			6	
45.		2			4			6	
46 (vacant)									
47.									
48.		5			1			6	
49.		1						1	
50.									
51.		1			2			2	
52.								1	
53.		3			1			1	
54 (vacant)					1			4	
55 (vacant)									
56.		10						10	
57.									
58.		1						1	
59.		1						1	
60.		1						1	
61.		1						1	
62.		6						1	
63.		2						6	
64.		3						2	
65.		4						3	
66.		1			1			8	
67.					4			5	
68.					2			2	
69.		1			1			1	
70.					7			7	
71.					1			1	
72.					1			4	
73.									
74.		3						3	
75.		8			1			9	
76.		2			1			3	
77.					1			5	
78.		3						3	
		1			2			6	



### REPORT OF THE HEALTH OFFICER.

Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.

[illegible]

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

## COUNTRY.

[illegible]

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

## IN ALLEYS.

No. of square.	Alley.	White.			Colored.			Total.		
		Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
1	Reeds alley					1			1	
4	Kings court									
4	Pony court									
5	Greens court					2			2	
13	Jones court									
13	Wells court									
13										
14	Fussells court					2			2	
16	Hughes court					2			2	
17	Gallagher hill					2				
17	Gallagher alley									
20										
24	Phillips court					3			3	
28	Snows row					5			5	
31	Bakehouse hill									
33	Fletchers hill					1			1	
37	Stanton alley									
42	St. Marys court					1			1	
44	Ricketts court					3			3	
51	Reeds court					2			2	
54	St. Pauls court									
56	West End court									
59	Wilcox court (three houses vacant)									
66	Hillyer court									
67	Warner court									
68	Twine alley									
69	Cook alley									
70	Johnson row									
70	Ward place					3			3	
70	Ward alley									
70	Peach alley									
72	Libbey row					2			2	
73	Stevens court					4			4	
74	Johnsons court					2			2	
76	Alexanders court					1			1	
77	Davies court					2			2	
79	Dailys alley					3			3	
81	Johnsons row					1			1	
85	Lees court					7			7	
104	O'Briens court									
107	Constitution alley									
110										
114	Greens court									
117	Lingers court					4			4	
126	Magruder's alley									
127										
140	Queen alley					7			7	
157	Brainerds alley									
159										
161	Clifton place									
163	Charters alley									
172	Hayes court					6			6	
183	Sumner alley					2			2	
197	Union alley					5			5	
204	Portner place									
205	Waverly alley					2			2	
209	Samson alley					1			1	
210										
211										
212										
214	Mount Vernon court									
231	Monument alley					2			2	
234	Liberty street					5			5	
235	Chester court					11			11	
238	Cedar street									
241										
242										
244	Wylies court									
247	Greens court					6			6	
248										
252	Foundry alley					1			1	
254	Ebbitt House alley									
258	Naylor's alley									
265	Park row		1						1	
273	Davidson court					1			1	
274	Temperance avenue					3			3	

### REPORT OF THE HEALTH OFFICER.

*Number of deaths in the District of Columbia in 1899-1900, etc.—Continued.*

## IN ALLEYS—Continued.

No. of square.	Alley.	White.			Colored.			Total.		
		Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.	Popula- tion.	Deaths.	Death rate.
275	Valley street . . . . .									
276	Quaker alley . . . . .									
279										
280	Vincent court . . . . .					2			2	
285	Franklin court . . . . .									
288	Builders' Exchange court . . . . .									
290	Slate alley . . . . .					1			1	
293	Graham alley . . . . .					2			2	
296	Drapers alley . . . . .									
297	Carlins alley . . . . .					4			4	
302	Davis court . . . . .									
305	Dazenbrocks alley . . . . .									
310										
337										
340	Durr court . . . . .					1			1	
344										
355	Rileys court . . . . .									
358	Union court . . . . .					2			2	
359	Huttons court . . . . .					2			2	
361	Ninth-and-a-half street . . . . .									
364	Covington street . . . . .									
367	Naylor's alley . . . . .					5			5	
368	Blagdens alley . . . . .					7			7	
369	Shepherds alley . . . . .					4			4	
374										
376	Temple court . . . . .									
377	Baptist alley . . . . .					1			1	
378	Temperance Hall alley . . . . .									
387	Golden street . . . . .					3			3	
387	Liberty street . . . . .					2			2	
388	Densmore alley . . . . .					4			4	
389	Porksteak alley . . . . .					1			1	
402										
411	Grace court . . . . .					2			2	
419	Wynnes alley . . . . .					1			1	
435	Hammersley court . . . . .					1			1	
439	Arlington place . . . . .		1						1	
441	West alley . . . . .					3			3	
442	Glicks alley . . . . .					3			3	
445	Crandall row . . . . .									
445	Marion Court . . . . .		1			8			9	
447	Freemans alley . . . . .					5			5	
448	Sievers alley . . . . .					1			1	
448	Wards alley . . . . .									
448	Madison court . . . . .					7			7	
449	Goat alley . . . . .					7			7	
452										
453	Essex court . . . . .					5			5	
454	Bates alley . . . . .									
457	Coxs alley . . . . .									
462	Millers alley . . . . .		1						1	
465	Williams alley . . . . .									
466	St. Dominics alley . . . . .									
467	Pages alley . . . . .									
468	Burkes alley . . . . .					2			2	
469	Springmans alley . . . . .					3			3	
469	Chews alley . . . . .									
470	Leddy street . . . . .									
470	K-street alley . . . . .									
471	Ambush court . . . . .									
472	Robinson street . . . . .									
490	Canterbury alley . . . . .		1						1	
* B	Marble Hall alley . . . . .									
492	Aikens court . . . . .									
495	Bacons alley . . . . .					1			1	
496	Hogans alley . . . . .									
497	Smithsons court . . . . .									
498	Cullinanes alley . . . . .					2			2	
499	Cow alley . . . . .					3			3	
500	Casseys alley . . . . .					2			2	
501	Locust court . . . . .									
502	Clarks court . . . . .					2			2	
502	Grant court . . . . .					2			2	
502	Union court . . . . .									
503	Huntoon court . . . . .		5			6			11	
* C	Armory place . . . . .									







TABLE I.—Showing total number of deaths occurring in the District of Columbia, arranged by classes, sex, color, months, quarters, age, nativity, and social relations, with percentages and death rates, for the year ended June 30, 1900.

Cause of death.	Total deaths from each cause 1898-99	Per cent of each cause to total mortality.	DEATH RATE.		RECAPITULATION.										1899.					
			Deaths per 1,000 inhabitants.		Total by color and sex.				Total by sex.		July.		August.							
					W.		C.		M.	F.	C.	W.	M.	F.	C.	W.	M.	F.	C.	
					M.	F.	M.	F.												M.
GENERAL DISEASES.																				
I.—Epidemic diseases.																				
1. Typhoid fever.....	169	216	73	44	55	44	35	128	99	117	99	2	1	3	3	10	7	12	9	
<i>a.</i> Typho-malarial fever.....	5	5	1	1	3	1	3	2	4	1	4	2	1	1				1		
2. Typhus.....																				
<i>a.</i> Typhus (purpura hemorrhagica).....	2	3	2	1	1	1	1	2	1	1	2	1	2						1	
3. Scoury (purpura hemorrhagica).....	1	4	15	13	6	7	28	21	20	1	13	21	20	1						
4. Smallpox (varicella).....	27	41	11	7	3	2	18	5	14	9	2	1	1	1						
5. Measles (rubella).....	19	23	15	11	13	9	26	22	28	20	1	2	1	1						
6. Scarlet fever.....	12	48	78	68	29	30	146	59	107	98	1	4	3	1	6	3	4	2		
7. Whooping cough.....	174	205	29	42	13	31	71	47	12	76										
8. Diphtheria (and croup).....	152	118																		
9. Influenza ("grippe").....																				
10. Miliary fever.....																				
11. Asiatic cholera.....																				
12. Cholera nostras.....	5	1	1	1	2	1	2	3	1	1	2	3	1	1						
13. Other epidemic diseases.....																				
<i>a.</i> Yellow fever.....																				
<i>b.</i> Pest.....																				
<i>c.</i> Mumps.....	1																			
Total epidemic diseases.....	567	667	224	190	125	128	414	253	349	318	6	10	8	4	18	11	17	12		
II.—Other general diseases, not epidemic.																				
14. Pyemia and septicaemia.....	9	15	9	4	1	1	13	2	10	5	2				1					
15. Glanders and farcy.....																				
16. Rabies (hydrophobia).....																				
17. Relapsing fever.....																				
18. Intermittent and remittent fevers.....	27	23	6	9	2	6	15	8	8	15	1	1	1	1	2	1	1	1		
19. Malarial cachexia.....	26	22	9	5	2	6	14	8	11	11	1	1	1	1	2	1	1	1		
20. Pellagra.....																				
21. Tuberculosis of—																				
<i>a.</i> Lungs.....	713	742	183	151	199	209	334	408	382	360	15	16	14	6	15	9	25	15		
<i>b.</i> Meninges.....	37	36	6	9	12	9	15	21	18	18	1	2	1	1	1	1	1	2	1	
<i>c.</i> Peritoneum and intestines.....	11	28	6	6	7	7	12	16	13	15	1	1	1	1	1	1	2	1		
<i>d.</i> Larynx.....	6	4	1	2	1	1	3	1	1	3	1	2	2	2	3	1	2	1		
<i>e.</i> Other organs.....	30	49	12	10	15	12	22	27	27	22	2	8	2	3	1	2	1	2		











[illegible]

### III.—Diseases of the nervous system and organs of sense.

38. Encephalitis
39. Meningitis—simple.
  - a. Cerebro-simple
  - b. Spinal
40. Locomotor ataxia, progressive.
41. Muscular atrophy, progressive.
42. Cerebral hemorrhage.
  - a. Cerebral congestion

TABLE I.—Showing total number of deaths occurring in the District of Columbia, etc.—Continued.

Cause of death.	AGE OF DECEDENT.																		Total.	Per cent of each cause to total mortality under 5 years of age.												
	Under 1 year.						1 to 2 years.						2 to 3 years.								3 to 4 years.						4 to 5 years.					
	W.			C.			W.			C.			W.			C.					W.			C.			W.			C.		
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.				M.	F.		M.	F.		M.	F.		M.	F.	
GENERAL DISEASES.																																
I.—Epidemic diseases.																																
1. Typhoid fever.....																																
a. Typho-malarial fever.....																																
2. Typhus.....																																
3. Scary (purpura hemorrhagica).....																																
4. Smallpox (variola).....																																
5. Measles (rubella).....																																
6. Scarlet fever.....																																
7. Whooping cough.....																																
8. Diphtheria (and croup).....																																
9. Influenza ("grippe").....																																
10. Miliary fever.....																																
11. Asiatic cholera.....																																
12. Cholera.....																																
13. Other epidemic diseases.....																																
a. Yellow fever.....																																
b. Pest.....																																
c. Mumps.....																																
Total epidemic diseases.....																																
II.—Other general diseases, not epidemic.																																
14. Pleura and septicaemia.....																																
15. Glanders and farcy.....																																
16. Rabies (hydrophobia).....																																
17. Relapsing fever.....																																
18. Intermitent and remittent fevers.....																																
19. Malarial cachexia.....																																
20. Pellagra.....																																
21. Tuberculosis of:																																
a. Lungs.....																																
b. Meninges.....																																
c. Peritoneum and intestines.....																																
d. Larynx.....																																
e. Other organs.....																																

23. Scrofula.....																									10
24. Syphilis:																									1.30
<i>a.</i> Congenital.....																									
<i>b.</i> Tertiary.....																									
25. Cancer of—																									
<i>a.</i> Mouth and tongue.....																									
<i>b.</i> Stomach.....																									
<i>c.</i> Liver.....																									
<i>d.</i> Intestines.....																									
<i>e.</i> Rectum.....																									
<i>f.</i> Uterus.....																									
<i>g.</i> Breast.....																									
<i>h.</i> Face.....																									
<i>i.</i> Throat.....																									
<i>j.</i> Pancreas.....																									
<i>k.</i> Kidney.....																									
<i>l.</i> Neck.....																									
<i>m.</i> Bladder and prostate.....																									
<i>n.</i> Vulva.....																									
<i>o.</i> Cervix.....																									
<i>p.</i> Undefined.....																									
<i>q.</i> Abdominal.....																									
<i>r.</i> Pylorus.....																									
<i>s.</i> Sarcoma.....																									
26. Rheumatism.....																									
27. Gout.....																									
28. Diabetes.....																									
29. Exophthalmic goitre.....																									
30. Addison's disease.....																									
31. Leukemia.....																									
32. Anæmia.....																									
33. Other general diseases.....																									
34. Alcoholism (delirium tremens).....																									
35. Lead poisoning.....																									
36. Other chronic poisonings or occupations.....																									
37. Other chronic poisonings.....																									
Total general diseases.....	11	9	24	25	5	5	8	11	1	3	10	8	....	5	6	1	1	7	5	18	54	55	145	7.87	

### LOCAL DISEASES.

### III.—Diseases of the nervous system and organs of sense.

[illegible]





[illegible]

LOCAL DISEASES.

### III.—Diseases of the nervous system and organs of sense.

[illegible]



[illegible]

### LOCAL DISEASES.

### III.—Diseases of the nervous system and organs of sense.

[illegible]

TABLE I.—Showing total number of deaths occurring in the District of Columbia, etc.—Continued.

Cause of death.	SOCIAL RELATIONS.						NATIVITY.											
	Widow or widower.			Divorced.			District of Columbia.				Other parts of United States.				Foreign.			
	W.		C.	W.		C.	W.		M.	F.	C.	W.		M.	F.	C.	W.	
	M.	F.		M.	F.		M.	F.				M.	F.				M.	F.
GENERAL DISEASES.																		
I.—Epidemic diseases.																		
1. Typhoid fever.....	3	1	3	2			27	28	17	18		36	12	37	26	10	4	1
<i>a.</i> Typho-malarial fever.....																		
2. Typhus.....							2	2		1			1					
3. Scoury (purpura hemorrhagica).....	1						9	10	5	7		6	3	1		1		
4. Smallpox (variola).....							11	6	1	2		1	1	2				
5. Measles (rubella).....							15	11	13	9		5	1	2				
6. Scarlet fever.....							72	60	27	26		5	8	2	4	1		
7. Whooping cough.....							8	10	2	13		15	23	11	21	6	9	
8. Diphtheria (and croup).....	4	21	3	12														
9. Influenza ("grippe").....																		
10. Miliary fever.....																		
11. Cholera nostras.....								1	1									
12. Cholera asiatica.....																		
13. Other epidemic diseases.....																		
<i>a.</i> Yellow fever.....																		
<i>b.</i> Pest.....																		
<i>c.</i> Mumps.....																		
Total epidemic diseases.....	7	23	6	15			144	129	68	77		63	48	56	51	17	13	1
II.—Other general diseases, not epidemic.																		
14. Pyemia and septicemia.....	1						1	3	1			8	1		1			
15. Glanders and farcy.....																		
16. Rabies (hydrophobia).....																		
17. Relapsing fever.....																		
18. Intermittent and remittent fevers.....	1	4		2	1		1	4	2	5		2			1	3	5	
19. Malarial cachexia.....	1	2		1			4	3	2	2		4	1		4	1	1	
20. Pellagra.....																		
21. Tuberculosis of—																		
<i>a.</i> Lungs.....	13	25	11	19			64	62	83	97		78	70	116	112	41	19	
<i>b.</i> Meninges.....							6	8	3	9		3	2	1	9			
<i>c.</i> Peritoneum and intestines.....	1	1					2	4	4	9		3	1	3	1	1		
<i>d.</i> Larynx.....	1	1																
<i>e.</i> Other organs.....	3	1		1			2	4	5	6		7	5	9	6	3	1	

[illegible]

### LOCAL DISEASES.

### III.—Diseases of the nervous system and organs of sense.

38. Encephalitis	1	2	2	1	5	1	1
39. Meningoencephalitis	1	1			5	3	1
40. Meningoencephalospinal					17	6	
41. Spinal					2	11	2
42. Cerebrospinal					2		
43. Locomotor ataxia, progressive					1	1	1
44. Muscular atrophy, progressive	1				1	2	
45. Cerebral haemorrhage	25	49	8	25	19	6	10
46. Cerebral congestion	1	1			7	5	2
47. Cerebral congestion					6	5	1
48. Cerebral congestion					5	28	41
49. Cerebral congestion					54	44	35
50. Cerebral congestion					5	2	1

TABLE I.—Showing total number of deaths occurring in the District of Columbia, etc.—Continued.

Cause of death.	Total deaths from each cause, 1898-99.	Total deaths from each cause, to total cause, 1899-1900.	Per cent of each cause, to total mortality.	DEATH RATE.		RECAPITULATION.												1899.			
				Deaths per 1,000 inhabitants.		Total by color and sex.						Total by color.						Total by sex.			
				W.	C.	W.			C.			M.	F.	M.	F.	M.	F.	M.	F.		
						M.	F.	M.	F.	W.	C.									W.	C.
LOCAL DISEASES—Continued.																					
III.—Diseases of the nervous system and organs of sense—Continued.																					
43. Softening of brain.....	16	14				4	8	1	1	12	2	5	9	2	1						
44. Paralysis, without indicated cause.....	38	24				5	9	5	5	14	10	10	11	1	1						
<i>a.</i> Hemiplegia.....	18	13				5	2	1	5	7	6	6	7	1	1	1	1				
<i>b.</i> Paraplegia.....	7	4				1		1	2	1	3	2	2								
45. General paralysis.....	13	15				8	7			15	3	8	7	3	2	1					
46. Other forms of mental alienation (organic brain diseases).....	61	33				21	2	7	3	23	10	28	5	1		4	2				
47. Epilepsy.....	22	34				15	8	7	4	23	11	22	12	1	1						
48. Echampsia, nonpuerperal.....																					
49. Convulsions of infants.....																					
50. Tetanus (idiopathic).....	83	130				27	19	44	40	46	84	71	59	3	2	4	2	4	6		
51. Chorea.....	3	1				1						1									
52. Other diseases of the nervous system.....	33	31				12	10	7	2	22	9	19	12	2	1						
<i>a.</i> Trismus nascentium.....	24	11				5	1	2	3	6	5	7	4			1					
<i>b.</i> Oedema of brain.....	3	3				2				2	1	2	1	1		1					
<i>c.</i> Progressive paralysis.....							1														
53. <i>d.</i> Hysteria.....						3	1			4		3	1								
54. Diseases of the eyes and ears.....	2	4																			
Total diseases of nervous system.....	735					268	180	150	137	418	287	418	317	17	18	15	14	22	15		
IV.—Diseases of the circulatory system.																					
55. Pericarditis.....	11	13				3		3	7	3	10	6	7						1		
56. Endocarditis.....	19	36				15	13	1	7	28	8	16	20	1		2					
57. Organic diseases of the heart:																					
<i>a.</i> Valvular.....	374	450				132	112	102	104	244	206	234	216	6	10	8	4	8	11		
<i>b.</i> Fatty degeneration (steatosis cordis).....	16	16				5	8	1	2	13	3	6	10	1		1					
<i>c.</i> Open foramen ovale.....	12	8				2		3	3	2	6	5	3								
58. Angina pectoris.....	20	15				7	5		3	12	3	7	8			1					
59. Diseases of the arteries, atheroma, aneurisms.....	5	5				1	2		2	3	2	3	2	1					1		
60. Embolism and thrombosis (thrombosis, non-puerperal).....	7	4				2				2	2	2	2								
	3	8				3	3		2	6	2	3	5								

[illegible]

VI.—Diseases of the digestive system.									
78.	Diseases of the mouth and adnexa . . . . .	2							
79.	Diseases of the pharynx . . . . .	2							
80.	Diseases of the esophagus . . . . .								
81.	Gastric ulcer . . . . .	9							
82.	Other diseases of the stomach (excluding cancer) . . . . .	16							
83.	Infantile diarrhea . . . . .	30							
84.	<i>a.</i> Cholera infantum . . . . .	46							
85.	<i>b.</i> Gastro-enteritis, infants . . . . .	129							
86.	<i>c.</i> Enteritis, infants . . . . .	67							
87.	<i>d.</i> Enterocolitis . . . . .	25							
88.	Diarrhea and enteritis (adults) . . . . .	51							
89.	<i>a.</i> Enteritis . . . . .	7							
90.	<i>b.</i> Gastro-enteritis . . . . .	18							
91.	<i>c.</i> Gastritis . . . . .	19							
92.	<i>d.</i> Intestinal and gastro-intestinal catarrh . . . . .	35							
93.	<i>c.</i> Colitis . . . . .	15							
94.	Dysentery . . . . .	10							
95.	Intestinal parasites . . . . .	33							
96.	Hernia . . . . .	5							
97.	<i>a.</i> Intestinal obstruction . . . . .	28							
98.	<i>b.</i> Intussusception . . . . .	6							
99.	Other diseases of the intestines . . . . .	6							
100.	Icterus gravis . . . . .	1							

TABLE I.—Showing total number of deaths occurring in the District of Columbia, etc.—Continued.

Cause of death.	1899.												1900.								
	September.			Total first quarter.			October.			November.			December.			Total second quarter.			January.		
	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.		C.	W.	C.	
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
LOCAL DISEASES—Continued.																					
III.—Diseases of the nervous system and organs of sense—Continued.																					
43. Softening of brain.....				2	1		1	1		1	1		1	1		2	2			1	
44. Paralysis, without indicated cause.....	1			1	1	1	1	1	1	1	1		1	1		1	3	2			
<i>a.</i> Hemiplegia.....																					
<i>b.</i> Paraplegia.....				4	3		3									3					
45. General paralysis.....	2			7	2		3			1	1										
46. Other forms of mental alienation (organic brain diseases).....	1	1	1	2	2	2	2	1		3	1		1	1		4	1	1	2		
47. Epilepsy.....																6	2	1		2	
48. Eclampsia, nonpuerperal.....																					
49. Convulsions of infants.....	3	1	4	8	7	9	13	1	2	4	5	2	2	3	1	5	4	4	12	6	
50. Tetanus (lock-jaw).....																					
51. Other diseases of the nervous system.....	1			1	2	3	1	3	2	1	1		1	1		4	5	2	2	1	
<i>a.</i> Trismus nascentium.....																1	1				
<i>b.</i> Edema of brain.....				1	1	1	1	1													
<i>c.</i> Progressive paralysis.....	1			1																	
<i>d.</i> Hysteria.....																					
52. Diseases of the eyes and ears.....	2			2																	
Total diseases of nervous system.....	21	9	15	60	42	41	37	24	17	12	14	22	13	11	6	10	13	6	67	40	
IV.—Diseases of the circulatory system.																					
55. Pericarditis.....		1	1		2			1				1				1		1		1	
56. Endocarditis.....	1			1	3	1		1		1	1		1			1	2	3		2	
57. Organic diseases of the heart:																					
<i>a.</i> Valvular.....	6	15	6	16	23	25	23	9	4	6	5	8	6	11	6	11	8	13	28	19	
<i>b.</i> Fatty degeneration (steatosis cordis).....																					
<i>c.</i> Open foramen ovale.....	1			1	1	1	1	1		1		1	1	1		1					
58. Angina pectoris.....																					
59. Diseases of the arteries, atheroma, aneurisms.....																					
60. Embolism and thrombosis (thrombosis non-puerperal).....				1	1		1						1			1				1	



[illegible]

## VII.—Diseases of the digestive system.

[illegible]



[illegible]

## VI.—Diseases of the digestive system.

[illegible]







[illegible]

## VI.—Diseases of the digestive system.

[illegible]





[illegible]

*V.—Diseases of the respiratory system.*

## VI.—Diseases of the digestive system.



[illegible]













[illegible]

### VIII.—Puerperal condition.

[illegible]

Total diseases of the merperal condition.

[illegible]

### IX.—Diseases of the skin and cellular tissue.

125. Erysipelas.....	1	1	1	1
126. Gangrene (feet and legs).....	1	1	1	1



[illegible]

### VIII.—Puerperal condition.

[illegible]

### IX.—Diseases of the skin and cellular tissue.

[illegible]



	2	1	2	3	4	1	6	4	11	9	15	10	17	6	8	16	16	9	17	34	20	10	11	40	11	8	4
103. <i>a.</i> Bleorrhagia (males).....																											
<i>b.</i> Disease of the urethra, vesical paralysis.....																											
104. Retention of menstrual fluid.....																											
<i>a.</i> Disease of prostate (excluding cancer).....																											
Hypertrophy.....																											
105. urethritis.....																											
106. other diseases of the male genital organs.....																											
107. Polvic abscess.....																											
108. Peritritine hematocoele.....																											
109. Metritis.....																											
110. Uterine hemorrhage.....																											
111. Uterine tumor (fibroids).....																											
112. Other diseases of the uterus.....																											
113. Ovarian cysts.....																											
ovarian tumors.....																											
114. <i>a.</i> Bleorrhagia, females.....																											
114. <i>b.</i> Leucorrhoea.....																											
114. <i>c.</i> Other diseases of the female organs.....																											
<i>d.</i> Salpingitis.....																											
<i>e.</i> Pyo-salpinx.....																											
<i>f.</i> Menopause.....																											
115. Nonpuerperal diseases of the breast (cancer excepted).....																											
Total diseases of the genito-urinary system.....	2	1	2	3	4	1	6	4	11	9	15	10	17	6	8	16	16	9	17	34	20	10	11	40	11	8	4

## VIII.—Puerperal condition.

116. Accidents of pregnancy.....																											
116. Normal childbirth.....																											
117. Pregnancy.....																											
117. Puerperal hemorrhage.....																											
118. Other accidents of childbirth.....																											
Dystocia.....																											
119. <i>a.</i> Puerperal eclampsia.....																											
<i>b.</i> Puerperal fever.....																											
120. <i>a.</i> Puerperal phlebotitis.....																											
120. <i>b.</i> Puerperal peritonitis.....																											
121. <i>a.</i> Puerperal albuminuria.....																											
121. <i>b.</i> Puerperal albuminuria.....																											
122. <i>a.</i> Puerperal phlegma dolens alba (sudden death).....																											
123. Other accidents of childbearing (sudden death).....																											
124. Puerperal diseases of the breast.....																											
Total diseases of the puerperal condition.....																											

## IX.—Diseases of the skin and cellular tissue.

125. Erysipelas.....																											
126. Gangrene (feet and legs).....																											
Total diseases of the skin and cellular tissue.....																											

TABLE I.—Showing total number of deaths occurring in the District of Columbia, etc.—Continued.

Cause of death.	AGE OF DECEASED.												SOCIAL RELATIONS.					
	AGE OF DECEASED.												SOCIAL RELATIONS.					
	AGE OF DECEASED.												SOCIAL RELATIONS.					
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[illegible]

### VIII.—Puerperal condition.

116. Accidents of pregnancy  
Normal childbirth  
117. Pregnancy  
Puerperal hemorrhage  
118. Other accidents of childbirth  
Dysentery  
119. a. Puerperal septicaemia  
b. Puerperal fever  
c. Puerperal phlebitis  
120. d. Puerperal puerperitis  
121. e. Puerperal eclampsia  
f. Puerperal albuminuria  
122. g. Puerperal phlema dolens alba  
123. Other accidents of childbearing (sudden death)  
124. Puerperal diseases of the breast.

Total diseases of the puerperal condition.

IX.—*Diseases of the skin and cellular tissue.*

125. Erysipelas.....

126. Gangrene (feet and legs).....





[illegible]

### VIII.—Puerperal condition.

[illegible]

IX.—*Diseases of the skin and cellular tissue.*

[illegible]

TABLE I.—Showing total number of deaths occurring in the District of Columbia, etc.—Continued.

Cause of death.	Total deaths from each cause, 1899-1900.	Per cent of each cause to total mortality.	DEATH RATE.		RECAPITULATION.									
			Deaths per 1,000 inhabitants.		Total by color and sex.					Total by color and sex.				
			W.	C.	W.	F.	M.	C.	W.	F.	M.	C.	Total by sex.	
														W.
LOCAL DISEASES.—Continued.														
IX.—Diseases of the skin and cellular tissue.—Cont'd.														
127. Carbuncle.....	4	5												
128. Pilegionia:														
<i>a.</i> Acute abscess.....					4	1			5		1			1
<i>b.</i> Mediastinal.....														
<i>c.</i> Abscess.....														
129. <i>a.</i> Soft chancre.....	1	4			1	1	1	1	2	2	2	2		
<i>b.</i> Tinea favosa.....														
<i>c.</i> Tinea.....														
<i>d.</i> Polada.....														
<i>e.</i> Psora.....														
Total diseases of the skin and cellular tissue.....	22				8	7	3	4	15	7	11	11	1	1
X.—Diseases of the organs of locomotion.														
130. Pott's disease (kyphosis).....	2				1	1			1	1	1	1		
131. Cold abscess.....														
132. Psoas abscess.....	5				1	2	1	1	3	2	2	3		
Other diseases of the bones.....	2													
<i>a.</i> Necrosis of maxilla.....	3				2				2	1	3			
<i>b.</i> Rickets.....	1													
<i>c.</i> Osteo-mycetis.....	2										1	1		
133. White swellings.....														
134. <i>a.</i> Arthritis.....														
<i>b.</i> Other diseases of the joints.....														
135. Amputation.....														
136. Other organs of locomotion.....														
Total organs of locomotion.....	14				5	3	5	1	8	6	10	4		
XI.—Malformations.														
137. Malformations.....	6	5												
<i>a.</i> Hydrocephalus.....	7	11			3	1		1	4	1	3	2		
<i>b.</i> Hydrothorax.....					6				6	5	10	1	2	1





b. Monstrosity and cleft palate.  
c. Spina bifida.

## Total malformations.....

## XII.—Infancy.

137. Newly born.....

138. Premature birth.....

139. Congenital debility.....

a. Ateletasis.....

b. Ateletasis.....

c. Ateletasis.....

d. Ateletasis.....

140. Malnutrition.....

a. Malnutrition.....

b. Malnutrition.....

c. Malnutrition.....

d. Malnutrition.....

141. Other diseases peculiar to infancy.....

a. Unilateral hemorrhage.....

b. Unilateral hemorrhage.....

c. Unilateral hemorrhage.....

d. Unilateral hemorrhage.....

142. Denition.....

a. Denition.....

b. Denition.....

c. Denition.....

d. Denition.....

143. Total infancy.....

a. Total infancy.....

b. Total infancy.....

c. Total infancy.....

d. Total infancy.....

144. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

d. Total old age.....

145. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

d. Total old age.....

146. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

d. Total old age.....

147. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

## XIII.—Old age.

141. Senile debility.....

a. Senile debility.....

b. Senile debility.....

c. Senile debility.....

d. Senile debility.....

142. Senile dementia.....

a. Senile dementia.....

b. Senile dementia.....

c. Senile dementia.....

d. Senile dementia.....

143. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

d. Total old age.....

144. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

d. Total old age.....

145. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

d. Total old age.....

146. Total old age.....

a. Total old age.....

b. Total old age.....

c. Total old age.....

d. Total old age.....

## XIV.—Violence.

142. Suicides:

a. By poison, narcotic.....

b. By poison, corrosive.....

c. By strangulation, hanging.....

d. By drowning.....

e. By firearms.....

f. By cutting instruments.....

g. By precipitation from a height.....

143. Total suicides.....

a. Total suicides.....

b. Total suicides.....

c. Total suicides.....

d. Total suicides.....

144. Total suicides.....

a. Total suicides.....

b. Total suicides.....

c. Total suicides.....

d. Total suicides.....

145. Total suicides.....

a. Total suicides.....

b. Total suicides.....

c. Total suicides.....

d. Total suicides.....

146. Total suicides.....

a. Total suicides.....

b. Total suicides.....

c. Total suicides.....

d. Total suicides.....

147. Total suicides.....

a. Total suicides.....

b. Total suicides.....

c. Total suicides.....

d. Total suicides.....



*b.* Monstrosity and con. pelvis.

*c.* Spina bifida.

Total malformations.

### XII.—Infancy.

137. Newly born.

138. Preterm births.

Congenital debility.

*a.* Atelectasis.

*b.* Icterus neonatorum and cyanosis.

*c.* Marasmus.

*d.* Inanition.

Malnutrition.

Other diseases peculiar to infancy.

Unilateral hemorrhage.

Deafness.

Total infancy.

### XIII.—Old age.

141. Senile debility.

dementia.

Total old age.

### XIV.—Violence.

142. Suicides:

*a.* By poison, narcotic.

By poison, corrosive.

*b.* Inhaling illuminating gas.

*c.* By strangulation, hanging.

*d.* By drowning.

*e.* By firearms.

*f.* By cutting instruments.

*g.* By precipitation from a height.

Total suicides.

143. Fractures.

*a.* Fracture of femur and hip.

*b.* Fracture of vertebra.

144. *a.* Sprains.

*b.* Dislocations and internal injuries.

Accidental injuries.

*a.* Steam railway.

*b.* Steam railway.

*c.* Tergus, traumatic.

*d.* Falls.

*e.* Fracture of skull.





<i>d.</i> Monstrosity and cleft palate	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</
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[illegible]



[illegible]

TABLE I.—Showing total number of deaths occurring in the District of Columbia, etc.—Continued.

Cause of death.	SOCIAL RELATIONS.						NATIVITY.											
	Widow or widower.						Unknown.						District of Columbia.					
	W.	F.	M.	F.	M.	C.	W.	F.	M.	F.	C.	W.	F.	M.	F.	C.	W.	F.
LOCAL DISEASES—Continued.																		
IX.—Diseases of the skin and cellular tissue.—Cont'd.																		
127. Carbuncle .....	1												2				1	
128. Phlegmon:																		
<i>a.</i> Acute abscess .....																		
<i>b.</i> Abscess of anal .....																		
<i>c.</i> Abscess of breast .....																		
129. <i>a.</i> Soft chancre .....													1				1	
<i>b.</i> Throat fungus .....																		
<i>c.</i> Throat .....																		
<i>d.</i> Pelvic .....																		
<i>e.</i> Psora .....																		
Total diseases of the skin and cellular tissue .....	2	3	3						3	2			1	3	3	3	2	2
X.—Diseases of the organs of locomotion.																		
130. Pott's disease (kyphosis) .....														1	1			
131. Cold abscess .....																		
132. Psoas abscess .....									1					2		1	1	
Other diseases of the bones .....																		
<i>a.</i> Rickets .....														2				
<i>b.</i> Rickets of maxilla .....													1					
<i>c.</i> Rickets of tibia .....																		
133. White swellings .....																		
134. <i>a.</i> Arthritis .....																		
<i>b.</i> Arthritis .....																		
135. Ankylosis .....																		
136. Other organs of locomotion .....																		
Total organs of locomotion .....									1				1	3	3	1	1	1
X1.—Malformations.																		
137. Malformations .....																		
<i>a.</i> Hydrocephalus .....									3	1			1	1				

[illegible]





[illegible]



[illegible]







[illegible]













[illegible]

TABLE II.—Statement showing the mortality from eleven prominent diseases, by months, during the decade ended December 31, 1899.

Diseases.	January.	February.	March.	April.	May.	June.	July.	August.
Pneumonia .....	716	628	674	597	295	268	86	109
Bronchitis .....	183	174	200	138	112	80	62	46
Congestion of lungs .....	135	113	114	101	68	34	22	23
Phthisis pulmonalis .....	612	623	573	610	555	460	488	436
Diphtheria .....	102	71	49	35	60	71	77	82
Scarlet fever .....	27	36	64	54	42	29	4	11
Measles .....	56	90	84	53	31	15	15	3
Whooping cough .....	30	29	27	24	44	86	105	97
Diarrheal diseases .....	53	28	45	46	87	944	1,370	754
Typhoid fever .....	75	50	55	61	54	114	119	202
Tuberculosis .....	62	60	61	61	86	68	75	79

Diseases.	September.	October.	November.	December.	Total.	Monthly average.	Month of maximum intensity.
Pneumonia .....	121	208	284	420	4,406	367.2	January.
Bronchitis .....	56	80	79	121	1,331	110.9	March.
Congestion of lungs .....	31	55	68	81	845	70.4	January.
Phthisis pulmonalis .....	482	557	490	519	6,405	533.7	February.
Diphtheria .....	118	167	163	140	1,165	97.1	October.
Scarlet fever .....	15	13	18	16	329	27.4	March.
Measles .....	4	2	1	21	375	31.3	February.
Whooping cough .....	82	47	17	39	627	56.2	July.
Diarrheal diseases .....	457	210	59	51	4,104	342.0	Do.
Typhoid fever .....	268	291	199	236	1,724	143.7	October.
Tuberculosis .....	61	77	71	56	817	68.1	May.

TABLE III.—Deaths under 1 year of age, arranged by months, for the year ended June 30, 1900.

	1 day and under.	1 day to 1 week.	1 week to 1 month.	1 to 2 months.	2 to 3 months.	3 to 4 months.	4 to 5 months.	5 to 6 months.	6 to 7 months.	7 to 8 months.	8 to 9 months.	9 to 10 months.	10 to 11 months.	11 to 12 months.	Total.	Total by color.
July, 1899:																
White males .....	5	1	5	3	4	3	0	6	4	5	3	3	1	1	44	90
White females .....	3	3	5	3	3	5	5	2	7	0	1	5	4	0	46	
Colored males .....	3	4	4	2	5	5	10	6	7	3	1	3	1	1	55	100
Colored females .....	2	2	3	5	4	8	4	7	1	7	1	0	1	0	45	
Total .....	13	10	17	13	16	21	19	21	19	15	6	11	7	2	190	.....
August, 1899:																
White males .....	3	3	3	2	1	3	1	3	3	2	3	2	1	1	31	63
White females .....	5	2	0	1	3	2	5	3	2	1	2	2	2	2	32	
Colored males .....	1	6	1	5	5	2	2	1	5	2	3	1	2	3	39	77
Colored females .....	1	6	8	3	4	0	2	1	1	4	3	2	1	2	38	
Total .....	10	17	12	11	13	7	10	8	11	9	11	7	6	8	140	.....
September, 1899:																
White males .....	3	5	7	1	2	5	0	0	0	0	2	3	1	1	30	50
White females .....	4	0	1	3	2	1	2	1	1	1	0	1	1	2	20	
Colored males .....	4	3	3	4	5	3	2	0	2	0	2	0	1	0	29	71
Colored females .....	4	6	6	2	3	4	0	1	0	3	5	3	3	2	42	
Total .....	15	14	17	10	12	13	4	2	3	4	9	7	6	5	121	.....
October, 1899:																
White males .....	4	3	3	2	1	1	1	1	3	0	0	0	1	0	20	41
White females .....	4	4	2	1	0	1	2	0	1	1	2	2	0	1	21	
Colored males .....	5	3	9	1	5	3	2	1	1	1	0	1	0	0	32	53
Colored females .....	1	3	1	3	4	3	2	0	0	0	1	0	2	1	21	
Total .....	14	13	15	7	10	8	7	2	5	2	3	3	3	2	94	.....

TABLE III.—Deaths under 1 year of age, arranged by months, for the year ended June 30, 1900—Continued.

	1 day and under.	1 day to 1 week.	1 week to 1 month.	1 to 2 months.	2 to 3 months.	3 to 4 months.	4 to 5 months.	5 to 6 months.	6 to 7 months.	7 to 8 months.	8 to 9 months.	9 to 10 months.	10 to 11 months.	11 to 12 months.	Total.	Total by color.
November, 1899:																
White males .....	3	1	2	3	1	2	0	1	0	0	0	0	0	0	13	25
White females .....	2	3	0	0	0	1	2	1	0	1	1	0	1	0	12	
Colored males .....	4	1	0	2	2	4	1	2	1	0	0	1	1	0	22	
Colored females .....	6	2	6	2	3	1	2	1	0	1	0	0	0	2	26	48
Total .....	15	7	11	7	6	8	5	5	1	2	1	1	2	2	73	.....
December, 1899:																
White males .....	5	1	3	3	2	3	2	1	0	1	1	0	0	0	22	35
White females .....	2	0	2	2	1	1	1	0	1	1	1	1	0	0	13	
Colored males .....	4	4	3	2	3	6	2	2	1	0	1	1	0	0	29	
Colored females .....	3	0	3	3	0	1	1	3	1	0	0	0	2	0	17	46
Total .....	14	5	11	10	6	11	6	6	3	2	3	2	2	0	81	.....
January, 1900:																
White males .....	5	1	3	1	3	3	1	2	5	2	1	1	0	0	28	44
White females .....	4	1	3	0	2	3	1	0	0	0	1	0	0	0	16	
Colored males .....	4	2	7	3	0	1	0	1	0	2	2	0	0	0	22	
Colored females .....	1	2	1	3	0	1	1	2	0	0	2	1	3	2	19	41
Total .....	14	6	14	7	5	8	3	5	5	4	6	2	3	3	85	.....
February, 1900:																
White males .....	5	4	6	2	3	0	0	1	2	0	2	0	0	0	25	39
White females .....	3	2	2	3	0	1	1	0	1	1	0	0	0	0	14	
Colored males .....	3	3	2	0	1	0	1	0	2	1	2	1	0	0	19	
Colored females .....	3	3	5	5	3	1	1	2	2	0	1	0	0	0	26	45
Total .....	14	12	15	10	10	2	3	3	7	2	5	1	0	0	84	.....
March, 1900:																
White males .....	4	5	1	4	0	1	2	0	2	0	2	1	0	0	22	35
White females .....	3	0	2	0	2	0	1	1	2	0	0	0	1	1	13	
Colored males .....	4	5	1	1	4	4	7	1	3	1	1	2	2	0	36	
Colored females .....	2	4	1	0	1	4	1	1	2	1	1	1	4	0	23	59
Total .....	13	14	5	5	7	9	11	3	9	2	4	4	7	1	94	.....
April, 1900:																
White males .....	5	3	3	1	1	0	2	0	2	1	0	0	1	1	20	32
White females .....	2	1	2	2	0	0	0	1	2	0	0	0	0	2	12	
Colored males .....	3	5	4	1	3	2	1	1	1	0	1	1	1	0	24	
Colored females .....	5	1	3	3	3	5	2	0	2	3	2	2	4	2	37	61
Total .....	15	10	12	7	7	7	5	2	7	4	3	3	6	5	93	.....
May, 1900:																
White males .....	5	4	5	1	2	0	1	0	3	0	0	2	0	0	23	32
White females .....	3	1	2	0	2	0	0	0	0	0	0	1	0	0	9	
Colored males .....	5	1	2	1	1	0	2	0	0	3	2	1	0	1	19	
Colored females .....	3	5	2	1	3	1	1	1	0	2	3	1	0	1	24	43
Total .....	16	11	11	3	8	1	4	1	3	5	5	5	0	2	75	.....
June, 1900:																
White males .....	6	6	5	2	2	3	3	8	3	2	0	4	2	2	46	74
White females .....	5	0	2	0	1	1	6	3	3	1	3	2	1	0	28	
Colored males .....	1	4	4	2	8	2	9	8	8	5	2	2	1	2	58	
Colored females .....	5	4	4	3	5	6	4	5	5	3	3	0	1	2	50	108
Total .....	17	14	15	7	16	12	22	24	19	11	8	4	7	6	182	.....

TABLE III.—Deaths under 1 year of age, arranged by months, for the year ended June 30, 1900—Continued.

## RECAPITULATION.

Ages.	Grand total.	Per cent to total mortality.	White males.		White females.		Colored males.		Colored females.	
			Total.	Percent to total mortality.	Total.	Percent to total mortality.	Total.	Percent to total mortality.	Total.	Percent to total mortality.
1 day and under .....	170	12.96	53	16.36	40	16.95	41	10.68	36	9.78
1 day to 1 week .....	133	10.14	37	11.42	17	7.21	41	10.68	38	10.33
1 week to 1 month .....	155	11.81	46	14.20	23	9.74	43	11.20	43	11.68
1 to 2 months .....	97	7.39	25	7.72	15	6.36	24	6.25	33	8.97
2 to 3 months .....	116	8.84	32	6.79	16	6.78	45	11.72	33	8.97
3 to 4 months .....	107	8.16	24	7.41	16	6.78	32	8.33	35	9.51
4 to 5 months .....	99	7.55	13	4.01	26	11.02	39	10.15	21	5.71
5 to 6 months .....	82	6.25	23	7.10	12	5.08	23	5.99	24	6.52
6 to 7 months .....	92	7.01	27	8.33	20	8.47	31	8.07	14	3.80
7 to 8 months .....	62	4.73	13	4.01	7	2.97	18	4.69	24	6.52
8 to 9 months .....	64	4.88	14	4.32	11	4.66	17	4.43	22	5.98
9 to 10 months .....	50	3.81	12	3.70	14	5.93	14	3.65	10	2.72
10 to 11 months .....	49	3.73	9	2.78	10	4.24	9	2.34	21	5.71
11 to 12 months .....	36	2.71	6	1.85	9	3.81	7	1.82	14	3.80
Total .....	1,312	100.00	324	100.00	236	100.00	384	100.00	368	100.00
Total by color .....				560				752		

TABLE IV.—Number of deaths of children under 5 years old from the principal diseases of children for the year ended June 30, 1900.

Diseases.	White.		Colored.	
	Deaths.	Percentage of mortality under 5 years old.	Deaths.	Percentage of mortality under 5 years old.
Measles .....	21	3.01	10	0.95
Diphtheria .....	73	9.18	30	2.85
Scarlet fever .....	11	1.38	1	.09
Typhomalarial fever .....			1	.09
Diarrheal diseases .....	131	16.48	134	12.79
Whooping cough .....	25	3.14	19	1.81
Inanition .....	13	1.64	17	1.62
Tubercular diseases (excluding consumption) .....	17	2.13	21	2.00
Consumption .....	6	.75	59	5.64
Acute diseases of brain .....	41	5.16	48	4.59
Convulsions .....	46	5.78	84	8.00
Trismus nascentium .....	6	.75	5	.47
Bronchitis .....	18	2.25	51	4.86
Congestion of the lungs .....	8	1.00	7	.67
Pneumonia .....	57	7.16	151	14.48
Diseases of the digestive organs .....	70	8.77	116	11.00
Developmental diseases .....	164	20.71	113	10.91
Accidents and negligence .....	14	1.76	15	1.31
All other diseases .....	71	8.89	166	15.87
Total .....	795	100.00	1,048	100.00
Percentage of mortality, by color, under 5 years old .....		43.14		56.86
Annual death rate, by color .....				



TABLE V.—*Number dying 70 years of age and over during the year ended June 30, 1900.*

Ages.	White.		Colored.		Total.	Ages.	White.		Colored.		Total.
	Male.	Fe- male.	Male.	Fe- male.			Male.	Fe- male.	Male.	Fe- male.	
70 years.....	34	25	14	24	97	87 years.....	1	2	3	4	10
71 years.....	21	16	4	5	46	88 years.....	4	4	1	1	9
72 years.....	21	22	7	4	54	89 years.....	3	3	1	3	10
73 years.....	23	16	3	6	48	90 years.....	2	3	1	6	12
74 years.....	11	20	3	4	38	91 years.....	3	3	1	1	5
75 years.....	29	24	8	7	68	92 years.....	1	1	1	1	2
76 years.....	20	15	1	3	39	93 years.....	1	1	1	1	1
77 years.....	11	16	2	5	34	94 years.....	1	1	1	1	1
78 years.....	15	16	6	3	40	95 years.....	1	1	1	1	3
79 years.....	6	20	3	3	29	96 years.....	1	1	1	1	3
80 years.....	20	26	6	9	61	97 years.....	1	2	2	2	5
81 years.....	10	8	1	2	21	98 years.....	1	1	2	2	3
82 years.....	11	9	2	2	24	99 years.....	1	1	2	4	6
83 years.....	11	17	1	3	32	100 years and over	1	1	2	4	6
84 years.....	7	6	2	4	19	Total.....	276	293	78	115	762
85 years.....	8	9	4	3	24						
86 years.....	6	8	3	1	18						

TABLE VI.—*Number and average ages, in years, of decedents dying from eighteen different diseases and from suicide during the year ended June 30, 1900.*

Diseases.	White.				Colored.			
	Male.		Female.		Male.		Female.	
	Total deaths.	Years.	Total deaths.	Years.	Total deaths.	Years.	Total deaths.	Years.
Consumption.....	183	35	151	32	199	27	209	22
Typhoid fever.....	73	27	44	21	55	20	44	20
Apoplexy.....	108	62	76	66	47	59	54	54
Insanity.....	21	66	2	65	7	60	3	58
Softening of brain.....	4	67	8	75	1	80	1	85
Paralysis, hemiplegia, and para- plegia.....	11	43	11	44	7	48	12	45
Cancer.....	53	60	86	57	13	44	44	49
Epilepsy.....	15	55	8	45	7	36	4	55
Diseases of the heart.....	170	61	141	59	115	52	130	50
Bright's disease and nephritis.....	113	56	61	53	42	50	51	40
Rheumatism.....	6	48	19	58	1	10	4	42
Aneurism.....	3	48	2	70	4	27	3	48
Angina pectoris.....	7	50	5	45	2	45	6	46
Gastritis.....	15	71	12	50	5	36	3	51
Cirrhosis of the liver.....	3	60	2	54	1	65	1	36
Dropsy.....	6	55	5	60	5	31	2	64
Diabetes.....	1	76	9	39	5	31	2	43
Hernia.....	16	44	9	39	5	31	4	23
Suicides.....	16	44	9	39	5	31	4	23

TABLE VII.—Number of deaths occurring in hospitals and other public institutions during the year ended June 30, 1900.

Hospitals, etc.	White.		Colored.		Total.
	Male.	Female.	Male.	Female.	
Academy of Visitation .....		1			1
Amacostia River .....	5				5
Bathing beach .....	1				1
Bruen Home .....	4	2			6
Children's Hospital .....	15	15	18	13	61
Columbian University Hospital .....	5	9			14
Columbia Hospital .....	6	21	3	21	51
Canal, Chesapeake and Ohio .....	1				1
Canal, James Creek .....	1				1
Convent of Notre Dame .....		1			1
Eastern Dispensary .....			1		1
Emergency Hospital .....	40	10	25	8	83
Eye, Ear, Nose, and Throat Hospital .....	1				1
Foundling Hospital .....	2	5			7
Freedmen's Hospital .....	7	3	107	61	178
Garfield Memorial Hospital .....	49	28	9	16	102
Georgetown University Hospital .....	7	5	3		15
Homeopathic Hospital (National) .....	10	12		1	23
Home for the Aged .....	9	6	2	7	24
Home for Incurables .....		3			3
Home Industrial School .....	1				1
Insane Asylum (Government, St. Elizabeth) .....	133	19	22	13	187
Lutheran Home .....	1	1			2
Louise Home .....		2			2
Methodist Home .....		3			3
National Home .....				2	2
Orphans' Home .....				1	1
Potomac River .....	6				6
Providence Hospital .....	100	43	13	22	178
St. Ann's Infant Asylum .....	7	10	1	4	22
Sibley Hospital .....	9	6		2	17
Soldiers' Home hospital .....	39	1	2		42
Smallpox hospital .....	2	2			4
Washington Asylum hospital .....	28	21	93	69	211
Washington Barracks .....	5				5
Washington jail .....	2		2		4
Washington Navy-Yard .....		1			1
Total .....	496	230	301	240	1,267

TABLE VIII.—Deaths and average ages for the year ended June 30, 1900.

## WHITE MALES.

Months.	All ages.				5 years and over.				20 years and over.				40 years and over.			
	Total deaths.		Average ages.		Total deaths.		Average ages.		Total deaths.		Average ages.		Total deaths.		Average ages.	
	Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.	
1899.																
July .....	145	30	5	0	89	49	1	3	81	52	9	15	58	61	8	14
August .....	135	32	10	11	97	45	4	28	79	52	11	3	56	62	6	12
September .....	151	33	0	6	106	47	0	0	94	51	0	14	60	62	7	26
October .....	140	39	10	20	110	50	6	10	100	54	8	5	78	62	2	16
November .....	133	40	0	1	111	47	8	13	95	54	2	8	70	62	3	24
December .....	151	40	0	0	119	50	6	0	110	53	11	0	81	64	8	18
1900.																
January .....	157	42	10	4	125	53	8	21	122	54	6	24	88	65	0	21
February .....	128	42	8	18	97	55	2	6	90	59	5	21	73	63	8	5
March .....	188	42	1	14	151	52	2	18	140	55	4	9	111	62	0	16
April .....	181	43	11	16	148	53	6	4	138	56	5	14	114	64	1	12
May .....	145	40	2	12	114	50	11	3	106	54	0	2	79	62	1	28
June .....	137	28	0	23	81	47	5	10	71	52	0	1	55	61	1	11
Total .....	1,791	38	3	3	1,348	50	6	13	1,226	54	6	10	923	62	11	25

TABLE VIII.—Deaths and average ages for the year ended June 30, 1900—Continued.

## WHITE FEMALES.

Months.	All ages.				5 years and over.				20 years and over.				40 years and over.			
	Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.		
		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.
1899.																
July .....	155	32	4	10	95	52	4	15	89	55	2	14	71	60	7	16
August .....	111	31	7	26	73	47	10	4	66	51	6	22	44	62	11	0
September .....	126	36	1	11	92	48	11	10	80	54	5	18	53	65	1	17
October .....	129	37	10	2	103	47	2	23	86	54	6	4	60	65	7	10
November .....	113	42	1	28	88	53	7	20	82	56	8	19	63	65	4	21
December .....	135	41	6	13	110	50	7	7	96	56	8	28	75	64	8	6
1900.																
January .....	140	41	2	4	117	49	0	23	102	54	8	21	76	63	1	28
February .....	116	42	3	21	92	52	0	0	84	55	9	4	62	63	8	27
March .....	151	48	2	7	128	56	5	23	121	59	2	24	100	63	2	2
April .....	140	46	4	11	117	55	3	10	113	56	9	25	82	67	11	9
May .....	111	47	5	1	96	54	8	4	89	57	10	0	67	65	6	10
June .....	107	33	6	28	71	50	0	0	66	53	1	22	48	61	10	22
Total .....	1,534	40	1	19	1,182	51	9	13	1,074	55	9	20	801	64	6	21

## COLORED MALES.

Months.	All ages.				5 years and over.				20 years and over.				40 years and over.				
	Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.			
		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.	
1899.																	
July .....	128	18	9	0	61	40	0	0	52	45	5	1	26	60	0	0	0
August .....	131	20	10	9	76	35	5	25	58	42	0	17	28	55	2	4	4
September .....	101	23	7	22	62	38	0	6	53	42	9	0	30	55	0	0	0
October .....	114	24	1	16	67	40	5	10	54	47	0	13	30	61	9	18	18
November .....	88	26	8	22	59	40	0	3	53	42	5	16	27	57	2	7	7
December .....	101	25	8	25	62	41	6	26	54	45	8	20	26	64	7	25	25
1900.																	
January .....	97	27	5	29	63	41	10	25	55	46	7	2	34	57	8	24	24
February .....	86	31	9	1	55	49	0	28	51	51	10	6	37	58	7	25	25
March .....	109	27	1	15	60	47	8	17	53	52	6	27	37	63	2	29	29
April .....	109	30	9	16	76	43	10	18	72	46	10	25	47	55	9	7	7
May .....	82	24	9	14	49	40	8	6	38	48	5	9	24	59	3	20	20
June .....	119	17	1	17	50	40	0	0	39	47	2	14	25	58	6	5	5
Total.....	1,265	24	6	11	740	41	3	21	632	46	4	5	371	58	10	7	7

TABLE VIII.—Deaths and average ages for the year ended June 30, 1900—Continued.

## COLORED FEMALES.

Months.	All ages.				5 years and over.				20 years and over.				40 years and over.			
	Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.		
		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.
1899.																
July.....	111	27	0	6	59	50	4	20	53	54	6	15	41	62	1	13
August.....	120	20	0	0	68	34	3	9	48	43	3	22	23	60	0	0
September.....	131	23	7	15	68	41	7	23	59	50	0	0	37	62	3	18
October.....	98	23	7	5	64	35	6	9	51	41	0	26	26	53	10	0
November.....	88	23	3	9	52	40	0	0	40	46	1	22	22	62	0	0
December.....	106	30	5	6	78	41	0	8	53	56	4	26	42	56	5	4
1900.																
January.....	95	30	3	16	61	44	4	11	55	51	8	5	39	58	9	6
February.....	103	28	4	12	66	43	9	0	55	51	8	19	37	63	2	0
March.....	116	31	1	27	79	45	2	26	69	50	0	0	44	58	2	15
April.....	146	26	10	25	92	41	0	4	78	46	10	4	48	59	8	19
May.....	123	26	9	23	84	38	8	19	67	44	10	29	38	57	10	0
June.....	126	21	7	17	66	41	1	2	52	49	2	8	32	62	11	19
Total.....	1,363	26	0	1	840	41	7	18	680	48	7	20	433	59	9	14

## RECAPITULATION.

	All ages.				5 years and over.				20 years and over.				40 years and over.			
	Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.			Total deaths.	Average ages.		
		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.		Years.	Months.	Days.
White:																
Male .....	1,791	38	3	3	1,348	50	6	13	1,226	54	6	10	923	62	11	25
Female .....	1,534	40	1	19	1,182	51	9	13	1,071	55	9	20	801	64	6	21
Total .....	3,325	39	2	11	2,530	51	1	28	2,300	55	2	0	1,724	63	9	18
Colored:																
Male .....	1,265	24	6	11	740	41	3	21	632	46	4	5	371	58	10	7
Female .....	1,363	26	0	1	840	41	7	18	680	48	7	20	433	59	9	14
Total .....	2,628	25	3	6	1,580	41	5	19	1,312	47	5	28	804	59	3	25
White .....	3,325	39	2	11	2,530	51	1	28	2,300	55	2	0	1,724	63	9	18
Colored .....	2,628	25	3	6	1,580	41	5	18	1,312	47	5	28	804	59	3	25
Grand total .....	5,953	32	2	24	4,110	46	3	23	3,612	46	3	29	2,528	61	6	22

TABLE IX.—*Cemeteries, and number of decedents buried therein, including those transported out of the District of Columbia for interment, for the year ended June 30, 1900.*

	White.	Colored.	Total.
Adas Israel.....	10	.....	10
Addison's Chapel.....	3	.....	3
Baptist.....	.....	16	16
Christian, of Tenley.....	.....	13	13
Congressional.....	544	.....	544
Convent of Visitation.....	2	.....	2
Columbian University.....	1	.....	1
Columbia Hospital.....	4	7	11
Georgetown University.....	2	2	4
Glenwood.....	385	1	386
Government Hospital for Insane.....	80	16	96
Harmony.....	2	690	692
Hebbon's.....	.....	2	2
Hillsdale.....	.....	12	12
Hohoo Sholom (Hebrew).....	11	.....	11
Holyrood.....	147	11	158
Lee's crematory.....	18	1	19
Medical Museum (Army).....	.....	2	2
Macedonia.....	.....	7	7
Methodist, of Tenley.....	46	.....	46
Moore's, of Anacostia.....	3	262	265
Mount Olivet.....	618	201	819
Mount Zion.....	.....	201	201
National, at Arlington.....	137	3	140
National, at Soldiers' Home.....	52	.....	52
Oak Hill.....	149	.....	149
Out of the District of Columbia.....	612	267	879
Payne's.....	1	511	512
Potter's field.....	84	634	718
Prospect Hill.....	140	.....	140
Rock Creek.....	323	.....	323
Scientific purposes.....	1	.....	1
St. Mary's.....	74	1	75
St. Alban's.....	3	2	5
Seagg's.....	.....	1	1
Smith's.....	.....	4	4
Smith's.....	2	.....	2
Talmud Tora (Hebrew).....	17	.....	17
Washington Hebrew.....	31	120	151
Woodlawn.....	.....	.....	.....
Total.....	3,502	2,987	6,489



also daily meteorological conditions and variations for the year ended June 30, 1900.

JULY, 1899.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.											
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).
		Maximum.	Minimum.	Range.	Mean.			8 a. m.	8 p. m.		
30.22	55	84	54	30	69	61	55	N.	S.	106	.....
30.13	59	87	60	27	74	65	60	S.	S.	154	.....
30.09	60	90	66	24	78	66	60	SW.	SE.	153	.....
30.07	80	89	67	22	78	70	68	S.	SE.	148	0.01
29.96	88	87	68	19	79	71	68	S.	NE.	99	1.64
29.93	88	82	69	13	76	72	71	NW.	SW.	90	.02
29.99	82	88	67	21	78	74	72	SW.	SE.	98	.....
29.88	82	84	69	15	76	70	68	SW.	S.	189	.01
29.94	62	78	62	16	70	62	56	W.	NW.	300	.....
30.09	56	84	62	22	73	62	56	NW.	S.	142	.....
30.12	54	85	61	24	73	63	56	S.	SE.	134	.....
30.04	71	89	65	24	77	68	64	S.	E.	112	T.
29.99	78	93	67	26	80	68	66	SW.	SW.	110	.52
29.95	84	82	68	14	75	70	68	SW.	NW.	101	.03
29.98	81	86	65	21	76	70	68	W.	SE.	103	.06
29.91	94	92	70	22	81	72	72	W.	E.	139	.81
29.92	84	88	72	16	80	74	72	W.	NW.	124	.45
30.00	72	82	68	14	75	66	62	NW.	NW.	202	.....
29.93	77	87	63	24	75	68	64	NW.	W.	103	.....
29.97	60	90	66	24	78	70	66	SE.	E.	114	.....
29.93	66	92	72	20	82	72	68	SE.	S.	181	.....
29.98	68	94	72	22	83	74	70	S.	S.	105	.....
30.01	81	90	73	17	82	76	74	S.	NE.	132	.....
30.08	86	79	69	10	74	69	68	NE.	NE.	187	.....
29.97	82	82	67	15	74	70	70	NE.	S.	168	.30
29.85	95	86	73	13	80	74	74	S.	S.	128	2.07
29.87	85	90	71	19	80	75	74	S.	S.	105	.....
29.98	79	88	72	16	80	71	70	NW.	S.	100	.14
29.93	84	88	67	21	78	74	73	S.	S.	102	T.
29.86	76	79	64	15	72	69	66	NW.	NW.	130	T.
30.02	63	83	59	24	71	64	59	NW.	S.	87	.....
29.99	75.2	86.4	66.7	19.7	76.7	69.4	66.4	S.	S.	132.7	6.06

TABLE X.—Daily mortality, classified by color, different diseases, violence, and ages, also

AUGUST, 1899.

Day of month.		Color.	Deaths, less those by violence.		Deaths by violence.		Deaths, by ages.													Mortality.													Total deaths.
			Accidents and negligence.	Homicides.	60 years old and over, less those by violence.	Under 5 years old, less those by violence.	Under 5 days old, less those by violence.	1 day old and under, less those by violence.	Scarlet fever.	Croup.	Diphtheria.	Diarrheal diseases.	Typhoid fever.	Typho-malarial fever.	Malarial fevers.	Phthisis pulmonalis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Pleurisy.	Diseases of nervous system.	Diseases of the circulatory organs.	Rheumatism.	Diseases of digestive organs.	All other diseases.	Total deaths, by color.							
1.	W.	6	1		3	2					1									1		2	3	7	13								
2.	W.	6	1		1	2	2													4		2	3	6	19								
3.	W.	12	1		2	4	1				1									1		1	15	9	24								
4.	W.	8	1		2	5	1				2									1		2	6	9	12								
5.	W.	3				4	1				3	1								1		1	1	7	13								
6.	W.	9	1		3	3	1				1	1			3					2		1	3	10	20								
7.	W.	3	1		1	1	1				1	1			1		1			2		2	3	4									
8.	W.	9	1		4	2	2				2	1			1					2		2	3	9	18								
9.	W.	6	1		1	2	3				1	1			2					1		1	1	9	15								
10.	W.	10			4	6	2				1	2			2					2		2	3	10	19								
11.	W.	6	1		2	2	1					1			1					1		1	3	7	10								
12.	W.	5	1		1	2	3					1			1					2		1	1	7	13								
13.	W.	6	1		1						2									1		2	2	6									
14.	W.	11	7		3	2	1				2	1			2		1			2		1	3	11	17								
15.	W.	6			1	3	4				1									1		1	3	6	13								
16.	W.	9			2	4	1					1			4					2		2	2	9	23								
17.	W.	14			3	2	2				1	2			3					5		1	2	14									
18.	W.	7	1		1	3	1				1	1			1					2		3	2	9	16								
19.	W.	8	1		6	2	1				1	1			1					2		1	3	8	17								
20.	W.	8			1	5	1					1			2					1		1	3	9	19								
21.	W.	9			5	1					2	1			3					2		3	2	10	17								
22.	W.	8			1	3	1				1	1			1					2		1	2	9	13								
23.	W.	4			1	3	1				1	1			1					1		1	1	4	13								
24.	W.	9			1	3	1				2	1			1					1		1	1	9	26								
25.	W.	11			2	4	3				1	1			2					1		5	2	13	11								
26.	W.	6			2	2	1				1	1			1					1		1	3	6	16								
27.	W.	5			1	3	2					2			2					1		1	3										



daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.

AUGUST, 1899.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s a. m.	s p. m.			
30.07	72	86	60	26	73	68	64	S.	SE.	98	.....	1
30.00	92	89	68	21	78	71	70	S.	SE.	130	.55	2
29.95	74	87	67	20	77	70	68	NW.	NW.	118	.....	3
29.86	90	90	70	20	80	75	74	S.	S.	98	.37	4
29.82	80	93	73	20	83	76	74	NW.	NE.	83	T.	5
29.82	90	82	69	13	76	73	72	N.	NE.	85	.74	6
29.90	66	81	65	16	73	63	58	N.	NW.	123	.....	7
29.99	60	80	59	21	70	61	56	NE.	S.	79	.....	8
29.98	76	80	61	19	70	66	64	N.	SE.	108	T.	9
29.81	81	87	72	15	80	73	72	S.	S.	157	T.	10
29.79	82	90	72	18	81	73	72	SE.	E.	91	.04	11
29.86	81	82	70	12	76	72	71	E.	SE.	96	T.	12
29.88	92	92	68	24	80	73	72	SW.	N.	94	.66	13
30.02	80	72	63	9	68	66	64	NE.	NE.	157	.67	14
30.11	92	67	62	5	64	63	62	NE.	NE.	184	.22	15
30.08	76	77	60	17	68	63	60	NE.	NE.	209	.....	16
29.96	72	79	58	21	68	56	51	N.	N.	201	.....	17
29.87	90	83	69	14	76	72	71	NE.	NE.	310	.01	18
29.85	78	86	73	13	80	73	71	N.	NE.	230	.....	19
29.83	74	96	71	25	84	74	72	NW.	S.	110	.....	20
29.78	78	94	69	25	82	76	73	Calm.	SW.	84	.....	21
29.85	76	89	70	19	80	73	70	NW.	NW.	99	.01	22
29.98	72	80	65	15	72	67	64	W.	N.	125	.....	23
29.93	78	85	62	23	74	67	64	NW.	W.	68	.....	24
30.00	78	88	63	25	76	75	68	NW.	SE.	84	.....	25
30.08	87	87	70	17	78	70	69	S.	SE.	160	.04	26
30.10	95	78	69	9	74	71	70	SE.	E.	130	.37	27
30.18	83	77	62	15	70	70	63	NE.	NE.	167	.01	28
30.22	81	78	58	20	68	66	64	N.	NE.	130	.....	29
30.22	94	75	67	8	71	70	70	NE.	NE.	122	.08	30
30.18	92	81	63	18	72	69	68	NE.	E.	67	.....	31
29.97	81.3	83.6	66.0	17.5	74.9	69.5	67.1	NE.	NE.	128.9	3.77	



daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.

SEPTEMBER, 1899.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s. a. m.	s. p. m.			
30.09	86	86	62	24	74	70	70	E.	SE.	101	0	1
30.04	86	85	71	14	78	70	69	SE.	SE.	121	0.02	2
29.90	86	88	69	19	78	71	72	S.	S.	128	0	3
29.99	70	79	68	11	71	63	58	N.	N.	169	0	4
30.07	83	82	56	26	69	68	66	SE.	SE.	123	0	5
30.05	64	94	69	25	82	72	67	NW.	NE.	146	0	6
30.14	61	80	63	17	72	61	56	NE.	S.	125	0	7
29.92	84	91	70	21	80	74	72	SW.	S.	103	0	8
30.04	87	77	62	15	70	63	62	N.	N.	133	.02	9
30.19	74	78	55	23	66	60	56	N.	SE.	114	0	10
29.89	89	72	60	12	66	61	59	E.	NW.	143	.69	11
29.77	76	82	55	27	68	61	58	SW.	S.	105	0	12
29.91	68	74	55	19	64	57	52	N.	N.	156	0	13
30.24	66	68	50	18	59	50	45	N.	N.	138	0	14
30.36	76	74	43	31	58	64	50	N.	SE.	71	0	15
30.39	72	75	48	27	62	57	54	SE.	SE.	105	0	16
30.26	70	76	50	26	63	58	54	SE.	SE.	107	0	17
30.12	79	78	51	27	64	62	59	SE.	SE.	115	0	18
29.98	97	73	59	14	66	64	64	SE.	N.	123	1.07	19
29.85	92	78	62	16	70	65	64	NW.	NW.	161	.99	20
30.02	92	68	54	14	61	56	56	NW.	NW.	240	.52	21
30.18	70	75	46	29	60	55	51	W.	S.	131	0	22
30.21	75	78	50	28	64	59	56	NW.	S.	77	0	23
30.15	88	78	55	23	66	63	62	S.	S.	130	0	24
29.84	95	75	59	16	67	65	64	S.	N.	180	1.10	25
29.80	84	65	49	16	57	53	50	W.	NW.	188	1.61	26
30.12	80	62	43	19	52	46	44	SW.	SW.	128	0	27
30.20	78	72	44	28	58	52	49	SW.	SE.	149	0	28
30.05	88	73	49	24	61	53	52	S.	NW.	173	.10	29
30.27	70	56	41	15	48	43	37	W.	NW.	228	.02	30
30.068	79.5	76.4	55.3	21.1	65.8	60.6	57.6	N. SE.	SE.	138.2	6.14	

TABLE X.—Daily mortality, classified by color, different diseases, violence, and ages, also  
OCTOBER, 1899.

Day of month.	Color.	Mortality.														Total deaths.
		Total deaths, less those by violence.	Deaths by violence.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	Deaths, by ages.	
		Accidents and negligence.	Homicides.	Suicides.	60 years old and over, less those by violence.	Under 60 years old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	Under 8 days old, less those by violence.	
1.	W.	11			1	2										24
2.	C.	9	1		3	1	1	1								13
3.	W.	11		1	4	3										22
4.	C.	6			2	4										17
5.	W.	13		1	2	4	1	1								23
6.	C.	8			3	3										13
7.	W.	9			1	2										13
8.	C.	4			1	1										20
9.	W.	6	1		1	3										17
10.	C.	10		1	4	1										20
11.	W.	14			6	1	9	2	1							24
12.	C.	10			6	3	3	1	1							23
13.	W.	6			4	2	2	1								18
14.	C.	11			5	1	1	1								17
15.	W.	7			3	3										15
16.	C.	8			1	4	2	1	1							18
17.	W.	5			2	5	1	1	1							9
18.	C.	4	2		1	1	1	1								12
19.	W.	5			3	4										12
20.	C.	4	1		1	2	2	1								9
21.	W.	4			1	3	1	1								9
22.	C.	5			1	3	1									11
23.	W.	6			1	2	1									17
24.	C.	12			3	3	1									14
25.	W.	9			2	3	1									14
26.	C.	4	1		2	1	1									9
27.	W.	8			1	1										22
28.	C.	6			2	1										9
29.	W.	7			3	2										8
30.	C.	16			5	1										12
31.	W.	6			1	1										14
	C.	5			3	1	1	1								
Total and mean.	W.	264	3	0	2	76	55	16	8	2	20	13	17	0	2	481
	C.	205	5	1	2	73	79	11	5	0	9	7	11	0	2	

daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.

OCTOBER, 1899.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			S. a. m.	S. p. m.			
30.46	73	56	36	20	46	39	34	NW.	NW.	142	0	1
30.48	82	60	33	27	46	42	38	NW.	NE.	94	0	2
30.44	68	59	35	24	47	40	30	NE.	SE.	100	0	3
30.37	84	63	35	28	49	45	42	SE.	S.	87	0	4
30.12	90	69	43	26	56	52	51	S.	S.	83	0	5
29.81	92	66	55	11	60	58	58	N.	NW.	240	1.12	6
30.05	70	65	48	17	56	49	44	N.	NE.	162	0	7
29.97	90	62	51	11	56	57	56	NE.	E.	208	.21	8
30.04	92	69	54	15	62	55	54	NW.	0	96	.01	9
30.24	90	74	48	26	61	55	54	S.	NW.	64	0	10
30.26	88	73	51	22	62	51	56	NW.	S.	67	T.	11
30.20	90	77	59	18	68	61	60	S.	W.	46	0	12
30.22	87	79	57	22	68	59	58	0	E.	80	0	13
30.30	89	75	56	19	66	60	58	SE.	N.	83	0	14
30.30	98	73	56	17	64	60	59	NE.	E.	63	0	15
30.26	96	66	60	6	63	61	60	E.	NE.	104	T.	16
30.03	96	74	59	15	66	64	64	NE.	E.	80	.01	17
29.96	93	76	62	14	69	63	62	NW.	NW.	117	.04	18
30.16	84	76	53	23	64	58	56	NW.	NE.	74	0	19
30.26	59	66	43	23	54	49	42	NW.	NE.	217	0	20
30.50	62	52	36	16	44	36	30	N.	N.	174	0	21
30.51	65	56	32	24	44	38	32	N.	S.	99	0	22
30.38	82	65	44	21	54	48	45	SW.	S.	85	0	23
30.42	78	78	48	30	63	55	52	0	E.	70	0	24
30.42	94	21	52	19	62	56	56	NE.	S.	60	0	25
30.27	90	76	48	28	62	54	53	0	N.	50	0	26
30.16	80	80	50	30	65	54	52	NW.	S.	47	0	27
30.03	76	78	55	23	66	60	57	S.	S.	199	0	28
30.01	84	67	52	15	60	56	54	S.	NW.	221	.19	29
30.14	61	60	45	15	52	45	38	N.	NE.	219	0	30
29.61	100	64	48	16	56	54	54	NE.	NE.	410	1.22	31
30.206	83.3	68.5	48.5	20.0	58.4	52.9	50.4	NW.	S.	123.7	2.80	

TABLE X.—Daily mortality, classified by color, different diseases, violence, and age; also

NOVEMBER, 1899.

Day of month.	Color.	Mortality.																										
		Total deaths, less those by violence.	Deaths by violence.			Deaths, by ages.										Total deaths.												
			Accidents and negligence.	Homicides.	Suicides.	Deaths, by ages.																						
						60 years old and over, less those by violence.	Under 5 years old, less those by violence.	Under 8 days old, less those by violence.	1 day old and under, less those by violence.	Scarlet fever.	Group.	Diphtheria.	Diarrheal diseases.	Typhoid fever.	Typho-malarial fever.		Malarial fevers.	Pneumonia.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Pleurisy.	Diseases of nervous system.	Diseases of the circulatory organs.	Rheumatism.	Diseases of digestive organs.	All other diseases.	
1.	W.	8				5																					13	
2.	C.	4	1																									17
3.	W.	11				5	1																					11
4.	C.	6																										12
5.	W.	4																										20
6.	C.	7	1			6	4	1	1																			18
7.	W.	15				1	1																					12
8.	C.	4	1			2	2	2	1																			18
9.	W.	7	1			1	3																					19
10.	C.	9				2	1	5																				15
11.	W.	8	1			1	1	1																				16
12.	C.	10				1	4																					10
13.	W.	6				4	1																					13
14.	C.	9				2	2	2	1																			8
15.	W.	5				3	1																					13
16.	C.	3				2	3																					9
17.	W.	7	1			2	1	3	1	1																		12
18.	C.	5				1	1																					10
19.	W.	11				3	2	2	4																			13
20.	C.	4	1			2	2	1																				12
21.	W.	8				2	2	2	1																			9
22.	C.	5				1	1																					12
23.	W.	3				1	1																					10
24.	C.	6				3	3																					12
25.	W.	5				3	1	1	1																			15
26.	C.	8	1			6	1	1																				19
27.	W.	4				2	2	1	1																			11
28.	C.	3				1	1																					16
29.	W.	7	1			2	1	1	1																			17
30.	C.	3				1	1																					10
Total and mean.	W.	234	8	1	3	75	46					27	16	1	1	25	14	6	1	1	33	19	0	17	66	246	422	
	C.	168	6	2	0	20	60					6	5	1	1	30	9	5	2	0	23	19	0	6	48	176		

*daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.*

NOVEMBER, 1899.

[Barometer reduced to sea level. T indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			S. a. m.	S. p. m.			
29.66	79	60	50	10	55	50	48	W.	NW.	338	0.88	1
30.19	76	59	38	21	48	44	40	NW.	NE.	114	0	2
30.10	94	51	41	10	46	44	42	NE.	NW.	288	.63	3
30.15	67	54	31	23	42	38	32	SW.	NW.	151	0	4
30.20	73	59	30	29	44	38	32	S.	NW.	92	0	5
30.41	68	50	36	14	43	37	32	NW.	NW.	170	0	6
30.48	80	56	32	24	44	38	34	NW.	S.	60	0	7
30.33	84	56	36	20	46	42	40	W.	S.	75	0	8
30.10	84	62	32	30	47	39	36	SW.	S.	93	0	9
29.97	62	66	36	30	51	44	38	SW.	SW.	112	0	10
29.84	74	72	43	29	58	49	44	S.	NW.	172	T.	11
30.26	56	52	33	19	42	34	26	NW.	NW.	295	.04	12
30.42	76	48	25	23	36	32	28	NW.	NW.	92	0	13
30.28	78	53	27	26	40	36	32	NW.	E.	112	T.	14
30.07	76	59	36	23	48	43	39	N.	S.	60	0	15
30.26	66	58	48	10	53	45	39	NW.	N.	169	0	16
30.37	75	54	41	10	49	43	38	NE.	NE.	124	0	17
30.21	83	60	40	20	50	45	42	0	S.	86	0	18
29.97	93	58	43	15	50	51	50	SW.	S.	79	.06	19
30.04	70	56	40	16	48	41	36	NW.	NW.	182	0	20
30.05	86	54	31	23	42	37	34	N.	NW.	63	0	21
29.81	83	60	38	22	49	48	46	SW.	SE.	59	T.	22
29.86	91	52	38	14	45	45	44	NE.	N.	212	.20	23
30.16	80	46	31	15	38	34	31	N.	NW.	135	0	24
30.10	79	41	30	11	36	32	28	NW.	NW.	117	0	25
30.08	80	48	30	18	39	32	29	NW.	S.	95	0	26
29.94	80	53	24	29	38	32	28	S.	E.	52	0	27
29.81	84	48	28	20	38	36	33	0	SW.	50	T.	28
29.79	86	56	28	28	42	37	35	S.	S.	60	0	29
29.79	81	61	37	24	49	41	38	S.	S.	66	0	30
30.09	78.1	55.4	35.2	20.2	45.2	40.2	36.5	NW.	NW.	125.8	1.81	

DECEMBER, 1899.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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		Deaths by violence.		Deaths by ages.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		Total deaths less those by violence.		Accidents and negligence.		Judicial execution.		Homicides.		Suicides.		60 years old and over, less those by violence.		Under 5 years old, less those by violence.		Under 8 days old, less those by violence.		1 day old and under, less those by violence.		Scarlet fever.		Croup.		Diphtheria.		Barrical diseases.		Typhoid fever.		Typho-malarial fever.		Malaria fevers.		Phtisis pulmonalis.		Pneumonia.		Bronchitis.		Congestion of the lungs.		Pleurisy.		Diseases of nervous system.		Diseases of the circulatory organs.		Rheumatism.		Diseases of digestive organs.		All other diseases.		Total deaths, by color.		Total deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Day of month.	Color.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1	W.	7										5	3											1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				



daily meteorological conditions and variations, for the year ended June 30, 1900.—Cont'd.

DECEMBER, 1899.

[Barometer reduced to sea level. T indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			S. a. m.	S. p. m.			
29.67	86	62	39	32	50	48	46	S.	W.	146	0.01	1
29.76	57	54	42	12	48	38	30	NW.	S.	170	.05	2
29.67	78	60	32	28	46	39	35	W.	S.	106	0	3
29.78	54	43	31	12	37	32	22	W.	SW.	318	.08	4
30.13	58	40	29	11	34	28	20	W.	SW.	263	0	5
30.28	50	44	28	16	36	27	16	SE.	NW.	202	0	6
30.48	70	38	21	17	30	25	20	N.	S.	127	0	7
30.26	64	52	27	25	40	30	23	S.	W.	116	T.	8
30.38	72	52	26	26	39	31	26	NW.	E.	81	0	9
30.36	76	50	34	16	42	39	36	E.	SE.	86	T.	10
30.12	86	65	43	22	54	51	50	SE.	SE.	219	.02	11
29.79	69	67	46	21	56	53	47	S.	S.	319	.46	12
30.07	59	62	34	28	48	39	30	SE.	NW.	124	0	13
30.21	64	47	34	13	40	36	29	NE.	E.	128	0	14
30.32	58	48	28	20	38	30	22	NW.	NW.	368	0	15
30.64	68	37	20	17	28	24	19	NW.	E.	136	0	16
30.58	76	47	22	25	34	32	28	0	S.	74	0	17
30.51	84	56	26	30	41	38	36	S.	S.	72	0	18
30.30	76	58	38	20	48	43	38	S.	NW.	268	.13	19
30.49	70	46	31	15	38	32	24	NW.	0	177	0	20
30.40	64	52	24	28	38	30	23	W.	S.	47	0	21
30.34	68	56	23	33	40	27	22	0	NW.	45	0	22
30.09	84	48	23	25	36	31	28	NW.	NE.	100	0	23
29.32	75	53	33	20	43	43	38	W.	NW.	341	.78	24
29.67	54	33	22	11	28	24	15	NW.	NW.	236	0	25
30.04	58	30	16	14	23	18	10	NW.	NW.	233	0	26
30.24	91	30	13	17	22	22	20	W.	S.	100	.13	27
30.21	92	28	12	16	20	19	17	NW.	N.	75	.02	28
30.06	58	23	9	14	16	14	4	NW.	NW.	276	0	29
29.98	62	16	9	7	12	9	2	W.	W.	272	0	30
29.92	55	23	3	20	13	11	1	S.	S.	128	0	31
30.131	68.9	45.8	26.4	19.4	36.1	31.1	25.1	NW.	S. NW.	172.7	1.68	

TABLE X.—Daily mortality, classified by color, different diseases, violence, and ages, also

JANUARY, 1900.

Day of month.	Color.	Mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Deaths, less those by violence.														Deaths, by ages.														Mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Accidents and negligence.		Homicides.		Suicides.		60 years old and over, less those by violence.		Under 5 years old, less those by violence.		Under 8 days old, less those by violence.		1 day old and under, less those by violence.		Scarlet fever.		Croup.		Diphtheria.		Diarrhoeal diseases.		Typhoid fever.		Typho-malarial fever.		Malarial fever.		Phthisis pulmonalis.		Pneumonia.		Bronchitis.		Congestion of the lungs.		Pleurisy.		Diseases of nervous system.		Diseases of the circulatory organs.		Rheumatism.		Diseases of digestive organs.		All other diseases.		Total deaths, by color.																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	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Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths.	by violence.	Total deaths

daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.

JANUARY, 1900.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s a. m.	s p. m.			
29.82	65	24	14	10	19	14	6	NW.	W.	265	0.69	1
29.99	50	30	11	19	20	15	4	SW.	W.	239	0	2
30.28	50	33	23	10	28	22	12	W.	W.	221	0	3
30.51	74	35	10	25	22	19	14	NW.	SE.	72	0	4
30.44	70	50	15	35	32	27	22	0	S.	60	T.	5
30.19	82	50	30	20	40	33	30	N.	N.	101	0	6
30.32	81	52	26	26	39	33	30	0	S.	104	0	7
30.35	58	48	31	17	40	34	27	NW.	NW.	261	0	8
30.45	62	37	22	15	30	26	19	NE.	S.	106	0	9
30.08	68	51	31	20	41	38	32	S.	W.	90	T.	10
29.85	75	44	30	14	37	32	28	NE.	NW.	191	.73	11
29.75	78	43	32	11	38	34	30	NW.	NW.	244	.32	12
30.16	72	36	24	12	30	26	20	NW.	S.	90	0	13
30.05	80	56	27	29	42	34	30	S.	W.	155	0	14
30.27	72	52	38	14	45	38	33	N.	S.	124	0	15
30.20	84	61	30	31	46	40	37	S.	N.	103	0	16
30.48	76	41	35	6	38	35	30	NE.	NE.	146	.03	17
30.29	92	46	37	9	42	41	40	NE.	NE.	114	.06	18
29.98	100	54	41	13	48	48	48	N.	NE.	105	.12	19
29.45	84	62	47	15	54	51	48	NE.	NW.	153	.30	20
30.08	64	48	32	16	40	36	29	NW.	NW.	352	.14	21
30.26	76	55	26	29	40	35	30	NW.	SE.	87	0	22
30.04	82	64	32	32	48	41	38	0	S.	65	0	23
30.15	76	48	34	14	41	35	31	NE.	E.	175	0	24
29.73	96	48	36	12	42	41	41	E.	SW.	164	.03	25
29.98	56	36	19	17	28	18	9	NW.	W.	608	0	26
30.29	58	35	18	17	26	20	12	SW.	SE.	175	0	27
30.09	86	38	21	17	30	26	24	SE.	N.	80	.08	28
29.96	61	32	14	18	23	14	6	NW.	W.	386	.02	29
29.87	53	36	8	28	22	21	11	S.	S.	189	0	30
29.81	42	23	8	25	20	15	1	N.	NW.	359	0	31
30.114	71.7	44.5	25.9	18.6	35.2	30.4	24.9	NW.	W. & S.	180.1	1.92	



*daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.*

FEBRUARY, 1900.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												Day of month.
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	
		Maximum.	Minimum.	Range.	Mean.			S. a. m.	S. p. m.			
30.08	51	19	6	13	12	7	4	SW.	NW.	277	0	1
30.11	59	35	6	29	20	17	8	S.	W.	155	0	2
30.23	62	46	12	34	29	23	16	NW.	SE.	68	0	3
29.75	84	52	32	20	42	40	37	S.	W.	150	.69	4
30.05	57	44	30	14	37	31	23	NW.	N.	349	.24	5
30.08	75	55	29	26	42	34	30	S.	NW.	98	T.	6
30.26	76	49	35	14	42	40	36	NE.	E.	123	0	7
29.95	94	68	39	29	54	50	50	0	S.	136	.40	8
30.20	64	62	34	28	48	40	34	NW.	NW.	325	0	9
30.37	60	39	28	11	34	28	20	N.	E.	115	0	10
30.22	74	44	32	12	38	34	30	NE.	SE.	117	T.	11
30.15	98	46	37	9	42	41	40	E.	E.	126	.51	12
29.81	81	69	36	33	52	44	40	S.	W.	307	.86	13
29.28	54	46	30	16	38	30	21	NW.	S.	182	0	14
30.00	60	59	36	23	48	35	27	S.	NW.	277	0	15
30.03	91	37	24	13	30	26	24	N.	N.	172	.36	16
29.88	90	26	17	9	22	23	21	N.	NW.	271	.64	17
30.00	61	24	11	13	18	13	6	W.	W.	396	.03	18
30.19	54	28	13	15	20	16	6	SW.	W.	245	0	19
30.40	66	37	15	22	26	23	16	0	S.	94	0	20
30.00	87	48	25	23	36	34	32	SE.	NE.	173	.34	21
29.34	78	58	40	18	49	42	38	S.	NW.	194	.94	22
29.67	56	47	35	12	41	34	26	NW.	W.	280	0	23
29.54	86	58	21	37	40	34	32	S.	NW.	267	.11	24
29.69	57	22	7	15	14	11	1	NW.	W.	501	.14	25
30.19	52	25	13	12	19	15	4	SW.	NW.	266	0	26
30.69	56	26	8	18	17	12	3	N.	SE.	131	0	27
30.41	74	48	19	29	34	28	24	SE.	E.	162	0	28
30.056	69.9	43.5	23.9	19.5	33.7	28.8	22.9	S.	NW.	212.7	5.26	

TABLE X.—Daily mortality, classified by color, different diseases, violence, and ages, also  
MARCH, 1900.

Day of month.	Color.	Mortality.																												
		Total deaths, less those by violence.	Deaths by violence.	Deaths, by ages.						Scarlet fever.	Croup.	Diphtheria.	Diarrheal diseases.	Typhoid fever.	Typho-malarial fever.	Malarial fever.	Phthisis pulmonalis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Pleurisy.	Diseases of nervous system.	Diseases of the circulatory system.	Rheumatism.	Diseases of digestive organs.	All other diseases.	Total deaths, by color.	Total deaths.		
				Accidents and negligence.	Homicides.	Suicides.	60 years old and over, less those by violence.	Under 5 years old, less those by violence.	Under 8 days old, less those by violence.																				1 day old and under, less those by violence.	
1.....	W.	7				1	1					1	1	1																
2.....	C.	5				1	1	1					1	1																
3.....	W.	10				4																								
4.....	C.	5					3	1																						
5.....	W.	9				5																								
6.....	C.	3																												
7.....	W.	7					2																							
8.....	C.	7																												
9.....	W.	9																												
10.....	C.	3																												
11.....	W.	11					3	4																						
12.....	C.	5																												
13.....	W.	6																												
14.....	C.	7																												
15.....	W.	9																												
16.....	C.	3																												
17.....	W.	15																												
18.....	C.	7																												
19.....	W.	14																												
20.....	C.	7																												
21.....	W.	14																												
22.....	C.	2																												
23.....	W.	10																												
24.....	C.	5																												
25.....	W.	9																												
26.....	C.	3																												
27.....	W.	11																												
28.....	C.	6																												
29.....	W.	16																												
30.....	C.	6																												
31.....	W.	11																												
31.....	C.	9																												
Total and mean.	W.	329	5	3	0	2	126	58	13	9	1	0	10	2	7	0	3	34	12	4	4	1	53	38	2	14	114	339		
	C.	222	3	0	0	40	85	14	14	7	0	0	0	4	2	1	0	45	36	6	4	2	26	25	0	7	64	225	564	

*daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.*

MARCH, 1900.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s. a. m.	s. p. m.			
29.43	78	59	35	24	47	46	41	SE.	W.	318	.61	1
29.85	52	42	31	11	36	29	20	NW.	W.	400	0	2
30.30	46	44	30	14	37	30	18	NW.	W.	281	0	3
30.29	49	56	27	29	42	35	24	S.	S.	137	0	4
30.31	66	53	36	17	44	40	34	NW.	NE.	165	0	5
30.04	78	65	36	29	50	47	44	E.	S.	209	.11	6
30.38	61	65	36	29	50	36	28	NW.	NW.	337	0	7
30.55	58	37	32	5	34	29	21	NE.	E.	144	0	8
30.19	72	54	30	24	42	36	31	N.	SE.	136	T.	9
29.88	66	57	35	22	46	39	31	SW.	NW.	181	T.	10
29.96	83	44	25	19	34	33	30	N.	NE.	155	.20	11
30.23	58	30	11	19	20	18	9	NW.	NW.	241	.07	12
29.98	58	50	25	25	38	30	22	SE.	NE.	196	0	13
30.04	52	47	34	13	40	33	24	N.	N.	242	0	14
29.92	96	35	20	15	28	25	24	NE.	N.	241	.85	15
29.79	54	37	20	17	28	22	12	NW.	NW.	352	.51	16
30.20	52	25	13	12	19	17	6	NW.	NW.	231	0	17
30.14	48	45	13	32	29	26	16	SE.	S.	192	T.	18
29.82	78	56	39	17	48	42	38	S.	S.	240	.10	19
29.82	50	56	34	22	45	40	30	NW.	NW.	239	T.	20
30.30	43	38	28	10	33	26	14	NW.	NW.	379	0	21
30.21	47	56	25	31	40	33	22	S.	S.	168	0	22
30.01	57	68	32	36	50	42	34	S.	N.	138	0	23
30.07	42	54	38	16	46	35	22	N.	E.	152	0	24
30.03	54	39	31	8	35	31	21	NE.	SE.	159	0	25
29.75	94	40	30	10	35	35	34	N.	SE.	85	.30	26
29.88	61	53	37	16	45	40	32	S.	N.	162	T.	27
30.04	56	49	35	14	42	36	26	NW.	NW.	252	0	28
30.07	76	43	35	8	39	36	32	NW.	NE.	120	.13	29
29.92	86	44	35	9	40	37	34	N.	N.	138	.13	30
29.98	64	46	32	14	39	34	27	NW.	W.	274	T.	31
30.045	62.4	48.0	29.7	18.3	38.7	33.5	25.8	NW.	NW.	215.0	3.07	

TABLE X.—Daily mortality, classified by color, different diseases, violence, and ages, also  
APRIL, 1900.

Day of month.	Color.	Mortality.																
		Total deaths, less those by violence.	Deaths by violence.		Deaths, by ages.												Total deaths.	
			Accidents and negligence.	Homicides.	Suicides.	60 years old and over, less those by violence.	Under 5 years old, less those by violence.	Under 8 days old, less those by violence.	1 day old and under, less those by violence.	Scarlet fever.	Croup.	Diphtheria.	Diarrheal diseases.	Typhoid fever.	Typho-malarial fever.	Malarial fever.		
1	W. C. C.	10				6	2	1										19
2	W. C. W.	11	1			6	1	1				1						20
3	W. C. W.	11	1			5	2	2										29
4	W. C. W.	16	1			6	5	1	1									27
5	W. C. W.	12				4	2	1										22
6	W. C. W.	10	1			3	2	1										20
7	W. C. W.	16				4	5	1	1			1						36
8	W. C. W.	19	1				5											22
9	W. C. W.	11	1			6	3	1										17
10	W. C. W.	7	1			4	1	1	1									14
11	W. C. W.	9				4	1											11
12	W. C. W.	6				3	1	3				1						22
13	W. C. W.	14				3	4	1	1									20
14	W. C. W.	8	1			7	1	1										17
15	W. C. W.	10				6	2	1	2									19
16	W. C. W.	13				6	1	1	4									15
17	W. C. W.	9				4	1	1	1									23
18	W. C. W.	13				4	2	1	1									24
19	W. C. W.	14	1			6	2	2	3									25
20	W. C. W.	9	2			2	6	1										11
21	W. C. W.	7				3	2	1	3									18
22	W. C. W.	4				1	1											20
23	W. C. W.	8	1			2	3	1	1									12
24	W. C. W.	6	1			3	2	2	4									15
25	W. C. W.	12				2	1											13
26	W. C. W.	7				1	7											5
27	W. C. W.	5				1	3	1										3
28	W. C. W.	5				1	5											4
29	W. C. W.	11				2	5											11
30	W. C. W.	10				1	4	1	1									14
	W. C. C.	4				5	4	1										12
	W. C. C.	9				2	1											21
Total and mean.	W. C. C.	308	12	1	0	134	54	12	6	0	0	0	8	1	6	0	1	576
	W. C. C.	249	5	1	0	40	84	12	6	0	0	0	1	0	4	0	2	576



daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.

APRIL, 1900.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s. a. m.	s. p. m.			
30.15	51	58	32	26	45	39	29	NW.	S.	164	0	1
29.95	56	61	38	23	50	41	32	S.	SW.	215	0	2
29.96	50	57	39	18	48	41	31	W.	NW.	218	0	3
30.07	56	47	35	12	41	37	28	NW.	NW.	277	.04	4
30.21	43	58	32	26	45	37	25	NW.	NW.	326	0	5
29.86	38	70	49	21	60	46	32	NW.	NW.	416	0	6
29.68	56	68	52	16	60	51	43	NW.	NW.	199	T.	7
29.80	39	69	41	28	55	46	32	NW.	N.	248	0	8
29.99	40	54	35	19	44	36	23	NE.	NW.	175	0	9
30.24	44	49	30	19	40	32	20	NW.	N.	191	0	10
30.31	70	40	34	6	37	33	28	N.	SE.	138	.03	11
29.90	84	51	36	15	44	43	40	N.	NE.	149	.53	12
29.91	57	54	40	14	47	40	32	NW.	NW.	200	T.	13
30.11	52	56	39	17	48	41	32	W.	NW.	239	0	14
30.36	44	64	33	31	48	42	32	NW.	E.	66	0	15
30.38	62	70	44	26	57	48	41	SE.	S.	151	0	16
30.21	74	72	55	17	64	56	52	SE.	S.	252	.02	17
30.03	92	64	60	4	62	60	59	S.	SE.	209	.68	18
30.01	73	74	55	19	64	58	54	W.	SW.	127	.12	19
30.18	44	67	50	17	58	50	39	NE.	E.	93	0	20
30.06	84	63	53	10	58	53	48	NE.	E.	131	.22	21
29.95	90	65	53	12	59	57	56	S.	E.	74	.01	22
29.91	73	75	55	20	65	58	53	NW.	N.	89	.09	23
29.90	57	78	54	24	66	57	50	NE.	NE.	132	0	24
30.10	44	66	50	16	58	46	34	NE.	N.	172	0	25
29.97	42	71	43	28	57	48	36	N.	NW.	143	0	26
29.90	28	76	45	31	60	47	28	NW.	NW.	261	0	27
30.00	55	76	44	32	60	52	44	N.	NW.	119	0	28
30.06	54	73	48	25	60	51	42	N.	S.	131	0	29
29.80	50	82	52	30	67	56	46	S.	NW.	210	0	30
30.035	56.7	64.3	44.2	20.1	54.2	46.7	38.0	NW.	NW.	183.8	1.74	

TABLE X.—Daily mortality, classified by color, different diseases, violence, and ages, also  
MAY, 1900.

Day of month.	Color.	Mortality.																										
		Total deaths, less those by violence.	Deaths by violence.		Deaths, by ages.				Diphtheria.	Scarlet fever.	Typhoid fever.	Typho-malarial fever.	Malarial fevers.	Phthisis pulmonalis.	Pneumonia.	Bronchitis.	Congestion of the lungs.	Pleurisy.										
			Accidents and negligence.	Homicides.	Suicides.	60 years old and over, less those by violence.	Under 5 years old, less those by violence.	Under 8 days old, less those by violence.																				
1.	W.	4	1			2																						
	C.	6					3	2																				
2.	W.	8				4	3																					
	C.	10				8	1	1																				
3.	W.	9				4																						
	C.	8				4	1	1																				
4.	W.	12	1			4	3																					
	C.	6																										
5.	W.	10				2																						
	C.	5	1			7	1																					
6.	W.	10				1	3																					
	C.	5				1	3																					
7.	W.	9				2	2	2																				
	C.	8				1	4	1																				
8.	W.	15				3	3	1																				
	C.	7				1	1																					
9.	W.	6				2																						
	C.	3																										
10.	W.	15				4	2																					
	C.	5				1																						
11.	W.	11				5	2																					
	C.	6	1			2	3																					
12.	W.	9	1			4	1	1																				
	C.	13				2	6	1																				
13.	W.	12				6																						
	C.	6				3	1																					
14.	W.	7				4																						
	C.	9				3																						
15.	W.	8	1			1	2	1																				
	C.	6	2	1		2	2																					
16.	W.	7	1			2	2																					
	C.	8				3	1																					
17.	W.	3				1																						
	C.	3				2																						
18.	W.	3				3	1	1																				
	C.	8	1			5																						
19.	W.	4				1	3																					
	C.	6				1																						
20.	W.	5	1			3	2	1																				
	C.	2				1	1	1																				
21.	W.	10				4	3	2																				
	C.	3				1	1																					
22.	W.	7	1			3	1																					
	C.	5				3																						
23.	W.	2				2																						
	C.	4				1																						
24.	W.	3				2	1																					
	C.	7	1			4	1																					
25.	W.	3				1	2																					
	C.	9				1	2	1																				
26.	W.	8	1			4	1	1																				
	C.	3				1	1	1																				
27.	W.	3				1																						
	C.	7				5																						
28.	W.	4				1	1																					
	C.	5				1	1																					
29.	W.	6				3	2																					
	C.	11				1	6																					
30.	W.	11				5	1																					
	C.	6				1	2	1																				
31.	W.	24	10	0	2	94	35	8	8	1	0	9	3	2	13	6	3	36										
	C.	200	4	0	0	24	71	13	7	1	0	2	1	4	0	6	1	25										
Total and mean.	W.	24	10	0	2	94	35	8	8	1	0	9	3	2	13	6	3	36										
	C.	200	4	0	0	24	71	13	7	1	0	2	1	4	0	6	1	25										

daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.

MAY, 1900.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer actual.	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s. a. m.	s. p. m.			
29.91	40	77	50	27	64	51	40	NW.	S.	145	.....	1
29.83	56	78	48	30	63	54	47	S.	E.	118	.....	2
29.68	78	78	46	32	62	51	48	SW.	NW.	211	.21	3
29.56	40	62	40	22	51	42	28	NW.	W.	233	.....	4
30.08	42	65	45	20	55	44	32	NW.	SE.	165	.....	5
30.06	68	71	42	29	56	53	48	NW.	S.	131	.....	6
30.23	46	70	50	20	60	49	39	NE.	SE.	148	.....	7
29.90	61	89	54	35	72	61	55	S.	S.	252	.....	8
29.81	60	77	47	30	62	55	48	W.	NW.	223	.41	9
30.13	55	64	38	26	51	39	36	NW.	NW.	169	.....	10
30.05	50	71	49	22	60	52	42	SW.	N.	164	T.	11
30.05	58	78	52	26	65	56	50	NE.	E.	101	T.	12
30.03	54	91	53	38	72	61	54	SE.	S.	110	.....	13
30.00	51	91	56	35	74	63	55	SW.	SW.	104	.....	14
29.96	52	94	58	36	76	64	58	SW.	SW.	95	.....	15
30.00	63	92	62	30	77	66	61	S.	E.	133	.....	16
29.98	78	88	57	31	72	64	61	NE.	SE.	181	.....	17
29.77	81	75	68	7	72	67	65	S.	SE.	180	.01	18
29.52	84	68	57	11	62	59	57	SW.	NW.	183	3.15	19
29.78	55	71	54	17	62	52	44	NW.	N.	161	T.	20
29.92	50	69	50	19	60	49	40	NW.	NW.	211	.....	21
30.03	54	78	51	27	64	55	48	NW.	SW.	152	.....	22
29.99	60	83	51	32	67	58	52	S.	SE.	105	.....	23
29.88	76	72	60	12	66	59	56	E.	NE.	173	.14	24
30.10	72	69	55	14	62	57	53	N.	E.	285	.04	25
30.14	36	72	48	24	60	48	34	N.	E.	201	.....	26
30.03	49	84	47	37	66	56	48	SW.	SE.	97	.....	27
30.08	50	81	55	26	68	57	48	S.	NE.	137	T.	28
30.32	84	64	52	12	58	54	52	NE.	E.	188	.06	29
30.21	84	76	55	21	66	62	60	E.	SE.	86	.....	30
30.09	82	84	64	20	74	66	64	S.	W.	102	T.	31
29.98	60.3	76.8	52.1	24.8	64.5	55.6	49.1	NW.	SE.	{ 4,913.3 158.5	40.2 1.3	



daily meteorological conditions and variations, for the year ended June 30, 1900—Cont'd.

JUNE, 1900.

[Barometer reduced to sea level. T. indicates trace of precipitation.]

Meteorological conditions.												
Mean barometer (actual).	Mean relative humidity.	Temperature (exposed bulb).				Mean (wet bulb).	Mean dew-point.	Direction of wind.		Total movement of wind (miles).	Rainfall (inches).	Day of month.
		Maximum.	Minimum.	Range.	Mean.			s a. m.	s p. m.			
30.05	72	87	62	25	74	67	63	S.	S.	132	0.08	1
29.94	83	86	66	20	76	66	64	S.	S.	181	3.48	2
30.01	69	78	62	16	70	63	59	NW.	N.	172	0	3
30.13	76	74	56	18	65	60	56	NE.	NE.	134	0	4
30.13	59	77	54	23	66	60	54	NE.	SE.	93	0	5
30.06	56	82	59	23	70	60	54	S.	SE.	156	0	6
29.89	64	85	62	23	74	64	60	S.	S.	180	0	7
29.77	86	89	66	23	78	70	68	S.	W.	108	2.84	8
29.92	66	82	63	19	72	66	62	NW.	NW.	162	0	9
30.06	60	84	60	24	72	62	56	NE.	SE.	142	0	10
29.98	69	91	62	29	76	71	67	S.	S.	139	0	11
30.05	78	80	61	19	70	68	65	NE.	NE.	167	.17	12
30.08	88	75	61	14	68	68	67	NE.	NE.	122	.78	13
30.03	91	84	67	17	76	70	68	SW.	NW.	132	.56	14
30.09	84	71	64	7	68	65	64	NE.	NW.	95	.03	15
30.06	93	67	55	12	61	58	58	N.	NE.	106	1.00	16
29.94	90	63	56	7	60	59	58	NE.	N.	160	1.68	17
30.02	76	74	59	15	66	60	56	NE.	NE.	158	0	18
30.12	74	74	59	15	66	58	54	N.	NE.	153	T.	19
30.11	67	81	54	27	68	62	54	NW.	W.	105	0	20
29.95	76	84	60	24	72	64	61	S.	SE.	110	T.	21
29.90	74	81	65	16	73	66	62	SW.	S.	161	0	22
29.92	78	82	64	18	73	70	68	S.	S.	92	0	23
29.93	87	84	70	14	77	72	71	SE.	S.	120	T.	24
29.87	90	87	70	17	78	74	74	S.	SW.	105	.08	25
29.97	78	91	70	21	80	70	68	SW.	SW.	91	.24	26
29.82	70	91	72	19	82	74	70	S.	SW.	206	T.	27
29.78	72	89	72	17	80	72	70	SW.	SW.	150	0	28
29.76	57	93	71	22	82	70	65	SW.	SW.	181	0	29
29.97	44	83	65	18	74	56	46	NW.	NW.	237	T.	30
29.98	74.2	81.6	62.9	18.7	72.2	65.5	62.4	S.	S.	142	.36	

TABLE XI.—*Showing deaths, arranged according to age, sex, and color, with percentages, for twenty-four years ended June 30, 1900.*

## WHITE MALES.

Years.	Total deaths.	5 years and over.		20 years and over.		40 years and over.	
		Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.
1877.....	1,148	725	63.15	633	55.14	432	37.63
1878.....	1,125	683	60.71	568	50.49	380	33.78
1879.....	1,130	689	60.97	562	49.73	381	33.98
1880.....	1,097	711	64.18	641	58.43	459	41.81
1881.....	1,179	791	67.10	709	60.14	509	43.17
1882.....	1,254	854	68.10	751	59.88	541	43.14
1883.....	1,196	820	68.53	709	59.28	533	44.57
1884.....	1,322	885	66.94	764	57.79	572	43.12
1885.....	1,375	957	69.67	841	61.16	601	43.71
1886.....	1,312	949	72.33	841	64.10	610	46.49
1887.....	1,343	940	69.84	845	62.91	596	44.38
1888.....	1,456	978	67.14	875	60.06	651	44.78
1889.....	1,458	969	66.46	873	60	648	44.44
1890.....	1,631	1,155	70.81	1,038	63.64	742	45.49
1891.....	1,607	1,201	70.77	1,022	64.35	830	48.01
1892.....	1,847	1,302	70.50	1,175	63.56	866	46.89
1893.....	2,020	1,442	71.38	1,329	65.79	997	49.35
1894.....	1,815	1,260	69.42	1,132	62.37	854	47.05
1895.....	1,715	1,271	74.11	1,161	67.69	861	50.20
1896.....	1,810	1,270	70.17	1,170	64.64	879	48.56
1897.....	1,773	1,330	75.01	1,224	69.04	922	52
1898.....	1,566	1,154	73.30	1,067	69	782	50
1899.....	1,846	1,417	76.76	1,301	70.47	960	52
1900.....	1,791	1,348	75.25	1,226	67.90	923	51.53
Total deaths and percentages thereto.....	35,906	25,061	69.79	22,527	62.74	16,622	46.30

## WHITE FEMALES.

Years.	Total deaths.	Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.
1877.....	1,039	621	59.77	522	50.24	339	32.63
1878.....	1,041	653	62.73	541	51.97	354	32.61
1879.....	1,066	647	60.69	535	50.19	334	31.33
1880.....	988	592	59.92	529	53.54	351	35.53
1881.....	1,026	716	69.78	611	59.55	404	39.38
1882.....	1,099	731	66.52	631	57.42	410	37.31
1883.....	1,075	728	67.78	632	58.85	439	40.88
1884.....	1,254	801	63.88	687	54.78	465	37.08
1885.....	1,235	832	67.37	705	57.08	489	39.50
1886.....	1,130	803	71.06	702	62.12	458	40.53
1887.....	1,141	800	70.20	697	61.08	488	42.77
1888.....	1,322	898	67.92	791	59.83	530	40.09
1889.....	1,255	845	67.33	733	58.40	511	40.71
1890.....	1,303	883	67.76	781	59.94	525	40.29
1891.....	1,409	1,011	71.75	897	63.66	607	43.08
1892.....	1,595	1,134	71.10	990	62.07	686	43.01
1893.....	1,657	1,148	69.28	1,016	61.31	734	44.29
1894.....	1,514	1,070	70.67	943	62.28	703	46.43
1895.....	1,399	1,024	73.20	899	64.26	648	46.31
1896.....	1,492	1,065	71.38	951	63.74	706	47.32
1897.....	1,443	1,060	73.46	969	67.15	711	49.28
1898.....	1,407	1,056	75.05	983	70	693	49.25
1899.....	1,526	1,159	75.95	1,029	67.56	764	50.06
1900.....	1,534	1,182	77.01	1,074	70.01	801	52.21
Total deaths and percentages thereto.....	31,048	21,509	69.77	18,849	60.70	13,127	42.28
Total whites.....	66,954	46,570	69.76	41,376	61.72	29,749	44.29

TABLE XI.—*Showing deaths, arranged according to age, sex, and color, with percentages, for twenty-four years ended June 30, 1900—Continued.*

## COLORED MALES.

Years.	Total deaths.	5 years and over.		20 years and over.		40 years and over.	
		Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.
1877.....	988	417	42.20	337	34.11	206	20.85
1878.....	1,007	394	39.13	311	30.88	197	19.56
1879.....	1,051	430	40.91	348	33.11	209	19.89
1880.....	1,025	407	39.71	325	31.71	186	18.15
1881.....	921	424	46.04	347	37.68	210	22.80
1882.....	1,062	500	47.08	402	37.85	245	23.07
1883.....	1,004	504	50.20	397	39.54	253	25.20
1884.....	1,081	481	44.50	381	35.24	242	22.39
1885.....	1,210	587	48.51	476	39.34	300	24.70
1886.....	1,077	574	53.29	458	42.52	297	27.57
1887.....	1,079	536	49.67	427	39.60	270	25.02
1888.....	1,049	536	51.09	440	41.94	301	28.69
1889.....	1,180	583	49.41	475	40.25	289	24.50
1890.....	1,292	682	52.79	532	41.17	352	27.24
1891.....	1,295	696	53.75	557	43.01	352	27.18
1892.....	1,369	740	54	600	43.82	383	27.90
1893.....	1,391	744	53.49	606	43.56	383	27.54
1894.....	1,252	714	52.81	587	43.42	357	26.40
1895.....	1,188	690	58.08	528	44.44	359	30.22
1896.....	1,290	682	52.87	574	44.50	360	27.91
1897.....	1,211	717	59.20	599	49.46	384	31.71
1898.....	1,209	676	57.57	561	46.40	343	28.37
1899.....	1,358	781	57.50	642	47.27	379	27.90
1900.....	1,265	710	58.50	632	50	371	29.33
Total deaths and percentages thereto.....	27,954	14,235	50.92	11,632	41.61	7,227	25.85

## COLORED FEMALES.

Years.	Total deaths.	5 years and over.		20 years and over.		40 years and over.	
		Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.	Number of deaths.	Percentage to total deaths.
1877.....	1,033	518	55.45	396	38.33	221	21.30
1878.....	1,058	504	47.61	371	35.35	208	19.66
1879.....	1,062	523	49.25	424	39.92	230	21.06
1880.....	1,096	537	49	434	39.60	237	21.62
1881.....	1,010	525	51.91	448	44.36	231	22.87
1882.....	1,156	613	53.03	490	42.39	282	24.30
1883.....	1,012	540	53.36	422	41.70	243	24.01
1884.....	1,157	607	52.46	466	40.28	261	22.56
1885.....	1,178	664	56.37	510	43.29	319	27.80
1886.....	1,155	652	56.45	516	44.67	297	25.71
1887.....	1,102	598	54.26	459	41.65	284	25.77
1888.....	1,203	686	56.60	547	41.10	303	25
1889.....	1,259	666	52.90	509	40.43	293	23.27
1890.....	1,338	776	57.10	594	44.39	341	25.48
1891.....	1,319	746	56.55	609	46.17	368	27.89
1892.....	1,287	737	57.29	590	45.84	357	27.74
1893.....	1,384	750	54.81	598	43.21	371	26.80
1894.....	1,358	773	56.92	592	43.59	357	26.28
1895.....	1,263	815	64.53	649	51.38	412	28.43
1896.....	1,312	787	59.98	633	48.25	391	29.80
1897.....	1,310	794	60.61	650	49.62	372	28.47
1898.....	1,233	756	61.31	612	50	384	31.14
1899.....	1,296	858	66.20	678	52.31	407	31.48
1900.....	1,363	840	61.63	680	50	433	31.76
Total deaths and percentages thereto.....	28,954	16,374	56.50	12,880	44.48	7,602	26.25
Total colored.....	56,908	30,609	53.74	24,512	43.04	14,829	26.05
Grand total and mean.....	123,862	77,179	56.75	65,888	52.56	44,578	35.17





TABLE XIII.—Statement showing number of deaths from typhoid fever, by months, from July 1, 1879, to June 30, 1900.

Fiscal year—	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1879-80.....	10	16	9	12	7	3
1880-81.....	8	9	5	11	4	7
1881-82.....	6	17	17	28	14	6
1882-83.....	11	16	7	17	6	2
1883-84.....	12	8	10	5	6	9
1884-85.....	7	13	21	26	13	19
1885-86.....	19	16	14	19	9	13
1886-87.....	15	19	15	13	12	16
1887-88.....	18	32	22	20	18	15
1888-89.....	12	23	27	34	19	7
1889-90.....	23	18	29	15	18	29
1890-91.....	33	26	29	30	21	17
1891-92.....	6	22	21	36	26	12
1892-93.....	19	21	31	22	25	18
1893-94.....	21	24	28	23	23	21
1894-95.....	33	30	26	30	24	16
1895-96.....	12	27	56	55	24	20
1896-97.....	8	15	25	25	18	16
1897-98.....	10	16	18	10	9	18
1898-99.....	24	22	22	28	21	16
1899-1900.....	9	38	30	28	27	26
Monthly total and general average for 21 years.	316	428	462	487	344	306

Fiscal year—	Jan.	Feb.	Mar.	Apr.	May.	June.	Total deaths from typhoid fever.	Population.	Rate per 10,000 of population.
1879-80.....	6	2	5	2	6	6	81	177,638	4.73
1880-81.....	5	3	2	5	4	4	67	183,000	3.66
1881-82.....	7	8	6	5	5	1	120	188,653	3.36
1882-83.....	5	6	8	4	5	5	92	191,980	4.80
1883-84.....	3	4	5	5	3	6	76	196,490	3.86
1884-85.....	6	2	4	1	1	11	124	201,114	6.11
1885-86.....	7	5	10	7	6	3	128	205,820	5.93
1886-87.....	4	6	6	4	2	4	116	210,600	5.53
1887-88.....	8	7	8	7	3	10	168	215,630	7.80
1888-89.....	14	7	9	5	6	7	170	222,830	7.63
1889-90.....	9	6	19	11	10	21	208	232,460	8.95
1890-91.....	12	6	12	9	5	8	208	242,520	8.55
1891-92.....	13	13	8	7	8	11	183	253,010	7.20
1892-93.....	6	7	6	11	11	10	187	260,800	7.17
1893-94.....	10	5	5	6	5	20	191	265,600	7.20
1894-95.....	3	8	2	1	6	8	187	270,514	7.17
1895-96.....	9	8	3	3	4	7	228	274,160	8.27
1896-97.....	13	4	4	4	6	9	147	276,963	5.31
1897-98.....	8	4	2	9	6	20	130	280,250	4.63
1898-99.....	10	4	7	6	3	6	169	287,462	5.88
1899-1900.....	17	6	8	10	6	12	217	278,577	7.79
Total .....	175	121	139	122	111	189	3,200	.....	.....

TABLE XIV.—STILLBIRTHS.—*Cause, legitimacy, period of uterogestation, and by whom reported for the year ended June 30, 1900.*

	White.		Colored.		Total.
	Male.	Female.	Male.	Female.	
Legitimacy:					
Legitimate .....	76	81	86	93	336
Illegitimate .....	10	10	91	89	200
Total .....	86	91	177	182	536
Period of uterogestation:					
Four months and under .....	6	6	19	23	54
Fifth month .....	4	6	26	16	52
Sixth month .....	10	11	31	32	84
Seventh month .....	16	9	30	21	79
Eighth month .....	19	15	21	17	72
Ninth month .....	30	41	48	70	189
Tenth month .....	1	3	2	0	6
Total .....	86	91	177	182	536
By whom reported:					
Physicians .....	76	80	110	108	374
Coroner .....	10	11	67	74	162
Total .....	86	91	177	182	536
Causes:					
Abortive habit .....		1			1
Anencephalous .....			2		2
Accident to mother .....		1			1
After death of mother .....					1
Crinotomy .....	1				1
Cord—					
Pressure on .....		2	2	3	7
Prolapsus .....	1	3		1	5
Strangulated .....	2	6	3	1	12
Dystocia .....	4	2	2	5	13
Fall .....	5		8		13
Hydrocephalus .....	1				1
Hemorrhage of uterus .....		1			1
Ill health of mother .....	6	7	5	1	19
Instrumental delivery .....	1			1	2
Malformation of fetus .....	1				1
Macerated in utero .....		1	3		4
Overexertion of mother .....	2	2	6	13	23
Placenta previa .....	2		2		4
Placenta degenerated .....	1	3		3	7
Presentation—					
Breech .....	4	1			5
Cord .....				1	1
Face .....	1				1
Feet .....	1				1
Shoulder .....	2				2
Premature birth .....		1	12	1	20
Rupture of the amnion .....	3				3
Syphilis .....		1	1	2	4
Twin pregnancy .....	2				3
Cræmic convulsions of mother .....	2	3			5
Unknown .....	43	53	130	147	373
Total .....	86	91	177	182	536

TABLE XV.—BIRTHS REPORTED.—*Statement by months and quarters for the year ended June 30, 1900.*

Months and quarters.	Total.	White.		Colored.		Twins.		Illegitimate.		Attended by physicians.		Attended by midwives.	
		Male.	Female.	Male.	Female.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
1899.													
July .....	401	134	115	78	74	4	6	11	31	194	70	55	82
August .....	408	138	114	85	71	8	4	3	45	184	63	68	93
September .....	397	123	128	66	80	2	2	7	46	183	66	68	80
Total first quarter...	1,206	395	357	229	225	14	12	21	122	561	199	191	255
October .....	351	108	97	80	66	8	8	5	41	159	71	46	75
November .....	332	99	91	66	76	3	3	2	45	141	71	49	71
December .....	381	119	118	75	69	4	8	9	26	175	60	62	84
Total second quarter...	1,064	326	306	221	211	15	19	16	112	475	202	157	230
1900.													
January .....	479	136	145	99	99	6	0	11	49	218	80	63	118
February .....	475	165	133	87	90	14	4	14	53	240	92	58	85
March .....	362	100	94	90	78	2	0	4	35	149	64	45	104
Total third quarter...	1,316	401	372	276	267	22	4	29	137	607	236	166	307
April .....	322	95	81	66	77	2	0	8	41	137	80	42	63
May .....	352	121	92	72	67	14	2	7	32	158	59	55	80
June .....	381	132	109	72	68	8	4	9	33	145	59	88	89
Total fourth quarter...	1,055	348	285	210	212	24	6	24	106	440	198	185	232
Total sex and color...	4,641	1,470	1,320	936	915	75	41	90	477	2,083	835	699	1,024
Total by color .....		2,790		1,851		75	41	90	477				
Total for the year ...	4,641	4,641				116		567		2,782		1,859	

TABLE XVI.—BIRTHS.—*Number of births (reported) in different hospitals during the year ended June 30, 1900.*

Month.	Color.	Sex.	Columbia Hospi- tal.	Freedmen's Hos- pital.	Washington Asy- lum Hospital.	Garfield Memorial Hospital.	National Homo- pathic Hospital.	Sibley Hospital.	Georgetown Uni- versity Hospital.	Providence Hos- pital.	St. Ann's Infant Asylum.
1899.											
July	White	Male	5			1	2	1			
		Female	2				1				
	Colored	Male	5	7							
		Female	5	8			1				
August	White	Male	3			2	2				
		Female	3			1		2	1		
	Colored	Male	8	8	1	12	4				
		Female	2	1	4	1	1				
September	White	Male	1				1				
		Female	3		1	2	1				
	Colored	Male	3	5	3						
		Female	8	9	3		2				
October	White	Male	6		1	2		1			
		Female	4			2					
	Colored	Male	5	9		1					
		Female	7	2	1	1	2				
November	White	Male	4			2		1			
		Female	1			4		2			
	Colored	Male	3	11		1					
		Female	8	16	1		3				
December	White	Male	3			2					
		Female	4			2	2	1			
	Colored	Male	5	4	1						
		Female	8								
1900.											
January	White	Male	2	2		3	1				1
		Female	6			3					
	Colored	Male	5	7	1						
		Female	7	12	1						
February	White	Male					2				
		Female	5			3					
	Colored	Male	8	10	3	1					1
		Female	10	10	1	1					
March	White	Male	6				1				
		Female	2				1				
	Colored	Male	7	6	2						
		Female	4	9	1		1				
April	White	Male	4		2	4	1	1			
		Female	3			1		2			1
	Colored	Male	4	12	4						
		Female	5	7	4		3				
May	White	Male	3			2	2	1			
		Female	1								1
	Colored	Male	5	10			1				
		Female	3	6	2	1					
June	White	Male	1		1			1			
		Female	2								
	Colored	Male	3								
		Female	2				2				

## RECAPITULATION.

	Total.	White.	Colored.	Male.	Female.
Columbia Hospital	208	80	128	99	109
Freedmen's Hospital	171	4	167	91	80
Washington Asylum Hospital	38	6	32	19	19
Garfield Memorial Hospital	44	36	8	23	21
National Homœopathic Hospital	38	10	28	15	23
Sibley Hospital	12	11	1	6	6
Georgetown University Hospital	1	1			1
Providence Hospital	1	1			1
St. Ann's Asylum	3	3		1	2
Total	516	152	364	254	262

TABLE XVII.—MARRIAGES (REPORTED).—*Number of brides and grooms year ended June 30, 1900.*

Number of marriages of grooms.	Number of marriages of brides.				
	First marriage.	Second marriage.	Third marriage.	Fourth marriage.	Total.
White:					
First marriage.....	1,034	48	.....	.....	1,082
Second marriage.....	113	37	1	.....	151
Third marriage.....	9	7	2	.....	18
Fourth marriage.....	.....	.....	.....	.....	.....
Total .....	1,156	92	3	.....	1,251
Colored:					
First marriage.....	462	29	.....	.....	491
Second marriage.....	48	33	.....	.....	81
Third marriage.....	3	1	.....	.....	4
Fourth marriage.....	.....	.....	1	.....	1
Total .....	513	63	1	.....	577
Grand total.....	1,669	155	4	.....	1,828

TABLE XVIII.—MARRIAGES (REPORTED).—*Nationality of brides and grooms of white race year ended June 30, 1900.*

Birthplace of grooms.	Birthplace of brides.										Total.
	United States.	England.	Ireland.	Wales.	Canada.	Italy.	France.	Russia.	Germany.	Holland.	
United States.....	1,139	8	13	1	6	2	2	1	3	1	1,176
England.....	9	4	1	.....	1	.....	.....	.....	.....	.....	15
Ireland.....	10	1	12	.....	.....	.....	.....	.....	.....	.....	23
Scotland.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Wales.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Canada.....	3	.....	.....	.....	1	.....	.....	.....	.....	.....	4
Italy.....	4	.....	.....	.....	.....	1	.....	.....	.....	.....	5
France.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Russia.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Switzerland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Germany.....	14	.....	1	.....	.....	.....	.....	.....	1	.....	21
Hungary.....	1	.....	.....	.....	.....	.....	.....	.....	6	.....	1
Holland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Armenia.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Total .....	1,185	13	27	1	8	3	2	1	10	1	1,251

TABLE XIX.—MARRIAGES (REPORTED).—*Ages of brides and grooms of white race for year ended June 30, 1900.*

Ages of grooms.	Ages of brides.							Total.
	Under 20 years.	20 to 25 years.	25 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 to 70 years.	
Under 20 years.....	2	1						3
20 to 25 years.....	147	247	24	6				424
25 to 30 years.....	69	175	114	16				374
30 to 40 years.....	22	91	109	83	3			308
40 to 50 years.....	2	20	24	26	16	1		89
50 to 60 years.....		3	4	20	9	4	1	41
60 to 70 years.....		1			4	2	2	9
70 to 80 years.....					3			3
Total.....	242	538	275	151	35	7	3	1,251

TABLE XX.—MARRIAGES (REPORTED).—*Ages of brides and grooms of colored race for year ended June 30, 1900.*

Ages of grooms.	Ages of brides.							Total.
	Under 20 years.	20 to 25 years.	25 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 to 70 years.	
Under 20 years.....	1	1						2
20 to 25 years.....	64	162	11	4				241
25 to 30 years.....	8	103	40	7				158
30 to 40 years.....	4	41	29	28	3			105
40 to 50 years.....	2	5	8	15	6	2		38
50 to 60 years.....			1	3	9	6		19
60 to 70 years.....				2	4	1		7
70 to 80 years.....					1	1	1	3
80 to 90 years.....						1		1
Total.....	79	312	92	59	23	11	1	577

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TABLE XXI.—Deaths and death rates for the last twenty-five fiscal years.

Years.	July.					August.					September.				
	White.		Colored.		Annual death rate for total population.	White.		Colored.		Annual death rate for total population.	White.		Colored.		Annual death rate for total population.
	Deaths.	Annual death rate.	Deaths.	Annual death rate.		Deaths.	Annual death rate.	Deaths.	Annual death rate.		Deaths.	Annual death rate.			
1875.	223	25.46	203	54.63	32.77	227	25.81	218	52.12	34.01	162	18.68	194	47.61	27.93
1876.	238	32.78	269	57.62	42.24	239	27.88	208	43.39	29.44	172	19.34	177	41.74	26.57
1877.	324	24.07	252	46.15	34.59	206	22.25	188	46.42	30.11	164	17.97	154	34.95	23.38
1878.	222	23.12	251	50.00	33.14	201	20.94	224	47.93	29.77	156	16.66	147	32.10	21.73
1879.	250	25.49	242	45.47	33.40	182	18.47	179	36.33	24.56	154	16.04	171	35.92	22.62
1880.	192	19.15	179	49.08	24.53	154	15.23	171	33.55	21.37	197	19.99	168	33.94	24.66
1881.	236	22.77	215	29.41	30.77	208	20.07	226	42.90	27.76	201	19.84	202	39.12	26.35
1882.	230	21.70	214	36.01	27.63	165	15.54	176	32.65	21.17	141	13.57	163	30.36	18.23
1883.	300	28.15	210	30.88	31.39	198	18.41	201	36.02	21.57	168	15.76	168	30.10	20.68
1884.	223	20.44	202	36.19	25.50	245	22.40	199	34.46	26.64	236	21.67	190	32.90	25.56
1885.	323	28.50	272	47.30	34.82	210	18.53	183	32.69	22.13	194	17.12	169	29.39	21.25
1886.	218	18.64	222	38.06	25.14	220	18.86	308	34.80	24.17	247	21.17	192	32.91	25.09
1887.	310	28.13	235	37.60	29.07	247	17.92	188	30.80	21.98	233	18.64	200	32.90	23.10
1888.	272	19.20	243	36.45	21.75	264	18.63	279	41.85	26.06	214	15.10	210	31.50	20.35
1889.	277	19.25	245	38.25	25.33	274	19.34	232	34.80	24.28	210	14.82	202	30.30	19.77
1890.	252	17.79	237	35.55	23.47	220	15.53	203	30.42	20.30	248	17.51	195	29.25	21.26
1891.	290	19.88	260	36.70	25.38	281	19.27	227	32.05	23.45	249	17.06	228	32.19	22.02
1892.	272	29.09	363	48.40	35.16	307	18.90	227	29.60	22.32	296	18.22	230	30.66	24.14
1893.	289	18.00	320	42.66	25.64	279	17.17	233	31.07	21.56	252	15.51	218	29.07	19.80
1894.	302	19.75	283	37.90	25.95	235	15.36	190	26.21	18.51	273	17.80	180	24.82	20.09
1895.	303	18.94	268	36.22	21.40	297	18.56	259	35.00	23.76	242	15.13	217	29.32	19.62
1896.	334	20.08	344	46.48	28.92	334	20.08	331	31.21	24.12	240	12.07	202	27.84	17.52
1897.	259	16.20	261	35.28	22.32	207	12.96	228	30.84	18.60	260	16.32	195	26.40	19.44
1898.	333	20.16	275	36.96	25.44	255	15.36	214	28.92	19.56	243	14.64	239	32.16	20.16
1899.	300	.....	229	.....	19.35	246	.....	251	.....	17.84	277	.....	232	.....	18.27
Total	6,832	.....	6,428	.....	.....	5,848	.....	5,338	.....	.....	5,393	.....	4,747	.....	.....

Years.	October.					November.					December.				
	White.		Colored.		Annual death rate for total population.	White.		Colored.		Annual death rate for total population.	White.		Colored.		Annual death rate for total population.
	Deaths.	Annual death rate.	Deaths.	Annual death rate.		Deaths.	Annual death rate.	Deaths.	Annual death rate.		Deaths.	Annual death rate.	Deaths.	Annual death rate.	
1875.....	147	16.95	170	41.72	24.87	143	16.49	142	34.85	22.36	147	16.95	146	35.83	22.99
1876.....	164	18.44	167	39.40	25.20	135	15.19	139	28.08	19.34	165	18.55	133	31.38	22.69
1877.....	181	19.83	152	34.59	24.61	155	16.99	129	29.28	20.99	157	17.20	145	32.91	22.32
1878.....	185	19.76	141	31.88	23.74	155	16.56	141	30.79	21.23	169	18.05	152	33.19	23.02
1879.....	129	13.43	127	28.68	17.82	147	15.31	130	27.31	19.28	162	16.87	151	31.72	24.79
1880.....	188	19.08	176	35.55	24.59	162	16.44	134	27.07	20.00	211	21.41	129	26.65	22.97
1881.....	234	23.10	179	34.67	27.00	211	20.83	169	32.73	23.76	173	17.08	145	28.08	20.79
1882.....	180	17.32	176	32.70	22.50	162	15.59	154	28.69	20.05	183	17.61	137	25.32	20.20
1883.....	161	14.16	133	23.83	17.48	182	17.07	175	31.24	21.98	254	23.82	213	37.84	28.69
1884.....	159	17.72	175	30.30	22.08	204	18.73	148	25.63	21.12	188	17.26	177	30.65	21.90
1885.....	193	14.03	166	28.87	19.02	158	14.68	169	29.39	19.14	195	17.21	161	28.00	20.35
1886.....	221	18.94	188	32.23	23.37	194	16.63	166	28.40	20.57	192	16.43	154	26.34	19.77
1887.....	217	17.36	141	22.56	18.76	175	14.00	168	26.81	18.29	212	17.96	149	23.84	19.25
1888.....	227	16.02	201	30.15	20.54	189	13.34	148	22.20	16.17	208	14.68	142	21.30	17.98
1889.....	240	16.94	164	24.60	19.39	194	13.69	173	25.95	17.61	215	15.17	207	31.05	20.25
1890.....	240	16.94	187	28.05	20.49	216	15.25	164	24.60	18.27	249	17.58	202	30.30	21.64
1891.....	296	20.30	199	28.10	22.84	265	18.17	184	26.00	20.70	301	20.64	216	30.50	23.86
1892.....	283	17.38	224	29.87	21.34	242	15.00	182	24.27	21.36	278	17.10	215	28.66	20.76
1893.....	278	17.11	184	24.53	19.45	230	14.15	178	23.73	17.18	335	20.64	185	24.66	21.90
1894.....	146	16.04	236	32.53	21.38	231	15.06	178	24.55	18.14	260	17.00	196	27.04	20.23
1895.....	357	22.41	206	27.84	24.05	259	16.19	190	25.79	19.19	261	16.31	168	27.70	18.53
1896.....	284	17.05	192	25.94	20.40	236	14.70	163	22.02	16.88	265	16.50	162	21.90	18.24
1897.....	222	13.92	178	24.12	17.16	258	16.32	183	21.96	18.96	243	15.24	210	28.44	19.32
1898.....	277	16.68	220	29.64	20.76	298	17.76	187	25.20	20.04	343	20.76	225	30.36	23.76
1899.....	269	.....	212	.....	17.26	246	.....	176	.....	15.15	286	.....	207	.....	17.70
Total	6,168	.....	4,499	.....	.....	5,042	.....	4,049	.....	.....	5,643	.....	4,327	.....	.....





TABLE XXII.—Deaths of children under 1 year of age, by months, sex, and color, during twenty-five years, from July 1, 1875, to June 30, 1900.

Years.	July.					August.					September.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
1876.....	58	57	50	55	220	37	43	32	37	149	25	17	34	36	112
1877.....	35	47	48	51	181	27	39	30	28	124	15	16	16	10	57
1878.....	21	27	29	31	108	37	28	43	41	149	14	13	26	27	80
1879.....	34	31	44	57	166	23	31	46	42	142	14	23	22	19	78
1880.....	57	54	66	43	220	27	27	48	27	129	22	14	26	24	86
1881.....	38	36	36	47	157	22	16	27	36	101	12	15	38	29	94
1882.....	47	46	65	62	220	38	30	35	45	148	32	28	29	31	120
1883.....	63	31	59	49	202	21	13	24	26	84	16	13	29	19	77
1884.....	46	68	56	46	216	28	22	42	38	130	14	27	24	25	90
1885.....	32	30	46	38	146	38	47	44	43	172	35	31	39	27	135
1886.....	49	57	59	56	221	24	25	36	35	120	26	16	21	28	91
1887.....	35	36	50	49	170	41	24	44	39	148	23	27	45	18	113
1888.....	63	54	44	58	219	35	27	31	40	133	27	27	29	36	119
1889.....	52	56	65	54	227	54	29	59	68	210	39	23	35	33	130
1890.....	43	44	47	47	181	41	42	45	45	173	23	21	28	28	100
1891.....	55	43	51	44	193	31	31	42	34	138	36	31	42	32	141
1892.....	54	47	57	58	216	37	30	41	36	144	28	27	34	32	121
1893.....	78	83	82	81	324	35	43	39	52	169	33	28	36	39	136
1894.....	55	53	84	75	267	42	44	43	45	174	42	18	35	35	130
1895.....	48	52	52	55	207	34	16	35	32	117	27	33	33	28	121
1896.....	55	64	81	55	255	56	35	57	35	183	38	26	33	33	130
1897.....	63	55	73	89	280	48	40	49	39	176	30	24	32	24	110
1898.....	44	40	42	55	181	31	20	45	32	128	20	36	38	33	127
1899.....	45	35	68	43	191	27	27	49	16	119	19	22	43	31	115
1900.....	44	46	55	45	190	31	32	39	38	140	30	20	29	42	121
Total.....	1,214	1,192	1,409	1,343	5,158	865	761	1,025	949	3,600	640	579	796	719	2,734
Total by color.....	2,406		2,752		.....	1,626		1,974		.....	1,219		1,515		.....
Total males.....	2,623				.....	1,890				.....	1,436				.....
Total females.....	2,535				.....	1,710				.....	1,298				.....

Years.	October.					November.					December.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
1876.....	7	5	14	13	39	4	7	7	14	32	8	3	20	10	41
1877.....	14	9	30	25	78	12	6	16	19	53	11	10	24	27	72
1878.....	14	15	22	17	68	15	10	18	22	65	9	6	25	24	64
1879.....	11	14	25	18	68	13	5	32	18	68	19	10	24	16	69
1880.....	12	4	25	22	63	16	9	19	21	65	14	11	27	21	73
1881.....	20	8	28	24	80	15	5	19	23	62	16	9	20	27	72
1882.....	22	17	32	14	85	17	16	30	20	83	13	13	20	20	66
1883.....	24	23	24	26	97	11	12	25	19	67	9	14	23	17	63
1884.....	16	11	19	12	58	13	14	20	19	66	20	9	24	33	86
1885.....	15	20	30	21	86	19	14	21	19	73	22	11	25	21	79
1886.....	13	8	19	21	61	14	15	23	20	72	13	10	20	16	59
1887.....	27	23	35	26	111	13	11	25	22	71	23	7	21	14	65
1888.....	25	8	28	24	85	11	11	17	21	60	24	13	21	22	80
1889.....	17	26	27	30	100	23	15	13	23	74	12	23	32	27	94
1890.....	21	17	22	17	77	20	15	22	11	68	13	11	24	27	75
1891.....	23	16	21	26	86	18	18	19	23	78	27	15	22	28	92
1892.....	26	28	33	28	115	17	12	31	14	72	33	18	30	30	111
1893.....	32	18	40	27	117	20	14	26	22	82	25	15	29	27	96
1894.....	30	22	27	10	89	20	17	27	24	88	25	19	23	14	81
1895.....	24	20	29	31	104	17	15	24	16	72	22	14	23	17	76
1896.....	34	21	41	27	123	20	17	20	31	88	26	20	19	20	85
1897.....	26	19	20	21	86	19	17	21	24	81	21	21	19	12	73
1898.....	29	16	28	15	88	24	19	24	15	82	19	15	30	31	95
1899.....	22	24	27	26	99	26	17	18	11	72	26	17	30	14	87
1900.....	20	21	32	21	94	13	12	22	26	73	22	13	29	17	81
Total.....	524	413	678	542	2,157	410	323	539	495	1,767	472	327	604	532	1,935
Total by color.....	937		1,220		.....	733		1,034		.....	799		1,136		.....
Total males.....	1,202				.....	949				.....	1,076				.....
Total females.....	955				.....	818				.....	859				.....

TABLE XXII.—Deaths of children under 1 year of age, by months, sex, and color, during twenty-five years, from July 1, 1875, to June 30, 1900—Continued.

Years.	January.				February.					March.					
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.			
1876.....	6	8	15	13	42	12	6	17	10	45	11	10	25	12	58
1877.....	20	18	24	18	80	19	18	28	32	97	25	17	24	19	95
1878.....	13	12	30	21	79	18	7	20	12	57	23	16	22	15	76
1879.....	22	10	29	24	85	13	12	23	28	76	27	15	33	23	98
1880.....	16	19	16	20	71	21	22	26	22	91	13	13	25	26	87
1881.....	11	18	15	20	64	20	12	19	34	85	14	15	25	26	80
1882.....	7	11	25	21	64	11	7	23	32	73	16	14	36	24	90
1883.....	22	7	23	29	81	15	3	26	23	67	9	19	26	21	75
1884.....	18	16	31	29	94	19	9	18	25	71	17	14	24	25	77
1885.....	19	10	27	18	74	21	11	30	31	93	25	15	30	20	90
1886.....	24	17	16	29	86	25	5	29	17	76	13	19	25	21	78
1887.....	16	15	24	20	75	9	4	21	14	48	24	15	26	24	89
1888.....	17	12	33	28	90	18	11	29	24	82	20	20	42	25	116
1889.....	27	12	34	29	102	13	15	29	22	79	36	30	32	24	99
1890.....	23	16	33	34	106	15	13	24	24	76	25	13	30	19	87
1891.....	13	12	24	24	73	23	17	25	20	85	18	18	29	29	104
1892.....	45	25	54	39	163	24	19	35	31	109	25	20	23	21	92
1893.....	24	20	41	41	126	26	22	32	37	117	35	23	38	35	131
1894.....	25	19	32	16	92	19	16	31	26	92	34	22	33	29	115
1895.....	24	18	22	25	89	20	16	31	20	87	28	28	22	29	107
1896.....	26	12	30	29	97	29	18	26	21	94	29	20	32	29	110
1897.....	28	23	27	20	98	26	20	18	33	97	28	19	33	27	107
1898.....	19	21	24	20	84	14	17	31	13	75	34	16	20	24	91
1899.....	22	22	32	28	104	26	15	29	21	91	22	9	33	20	94
1900.....	28	16	22	19	85	25	14	19	26	84	22	13	36	23	94
Total .....	515	389	683	617	2,204	481	329	639	598	2,047	557	429	754	590	2,330
Total by color .....	904		1,300		.....	810		1,237		.....	986		1,344		.....
Total males .....	1,198				.....	1,120				.....	1,311				.....
Total females .....	1,006				.....	927				.....	1,019				.....

Years.	April.				May.				June.				Grand totals by years.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.			Colored.		Total.	
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.		M.	F.		
1876.....	7	5	21	10	43	12	10	12	17	51	58	44	52	45	199	1,041	
1877.....	9	18	25	15	67	11	13	24	20	68	42	32	46	41	161	1,133	
1878.....	10	13	32	26	81	38	30	45	42	155	49	28	65	41	183	1,165	
1879.....	24	15	20	20	79	15	15	21	16	67	52	55	55	48	210	1,206	
1880.....	13	15	33	23	84	29	22	32	31	114	47	48	60	67	222	1,305	
1881.....	14	14	26	21	75	14	6	24	12	56	39	18	32	26	115	1,041	
1882.....	8	14	17	18	57	14	6	33	15	68	39	32	38	54	163	1,237	
1883.....	11	14	18	20	73	18	16	20	12	66	30	24	39	34	127	1,079	
1884.....	15	10	21	18	64	17	7	24	17	65	45	50	50	43	188	1,205	
1885.....	18	15	40	17	90	9	13	23	23	68	45	38	63	49	195	1,301	
1886.....	18	15	39	19	91	14	6	25	25	70	35	25	32	33	125	1,160	
1887.....	14	13	26	22	75	14	13	25	24	76	64	50	57	68	239	1,280	
1888.....	22	15	23	27	87	18	13	29	22	82	40	60	48	54	202	1,355	
1889.....	19	13	28	24	84	12	11	17	26	66	60	38	54	52	204	1,468	
1890.....	18	14	32	14	78	35	22	49	45	151	62	57	70	68	257	1,429	
1891.....	31	15	40	37	123	23	16	25	35	99	71	44	59	47	221	1,433	
1892.....	17	18	35	23	83	25	20	28	13	86	71	56	66	59	249	1,571	
1893.....	28	17	36	23	104	24	25	37	30	116	59	59	58	50	226	1,744	
1894.....	29	13	33	25	100	19	22	33	84	108	83	66	79	82	310	1,646	
1895.....	26	17	23	22	88	24	17	25	20	86	30	20	31	22	103	1,257	
1896.....	19	13	28	22	82	19	16	29	18	82	53	34	54	53	194	1,523	
1897.....	20	18	14	21	73	23	9	26	21	79	40	27	41	43	151	1,411	
1898.....	14	6	20	17	57	15	20	30	17	82	44	33	50	50	177	1,267	
1899.....	16	21	34	21	92	21	11	18	24	74	23	25	41	33	122	1,240	
1900.....	20	12	24	37	93	23	9	19	24	75	46	28	58	50	182	1,312	
Total.....	440	353	698	542	2,033	486	368	673	583	2,110	1,227	991	1,298	1,209	4,725	32,809	
Total by color.....	793		1,240		.....	854		1,256		.....	2,218		2,507		{ W. C.	14,300 18,509	
Total males .....	1,138				.....	1,159				.....	2,525				17,636		
Total females .....	895				.....	951				.....	2,200				15,173		

TABLE XXIII.—Deaths of children under 5 years of age in the District of Columbia during twenty fiscal years, less those by violence.

Year.	July.			August.			September.			October.			November.			December.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1880 ..	86	120	206	69	95	164	56	95	151	67	79	146	52	65	117	53	68	121
1881 ..	114	145	259	95	125	220	86	101	187	71	86	157	66	87	145	40	67	107
1882 ..	108	133	241	50	91	141	40	85	125	71	68	139	45	72	117	49	57	106
1883 ..	119	140	259	75	117	192	70	88	158	39	71	110	46	85	131	79	118	197
1884 ..	72	113	185	114	118	232	94	103	197	52	71	123	50	58	108	53	73	126
1885 ..	131	158	289	66	100	166	67	72	139	35	66	101	39	76	115	41	61	102
1886 ..	85	113	198	83	118	201	77	98	175	65	96	161	41	71	112	42	56	98
1887 ..	137	118	255	83	92	175	79	86	165	51	61	112	37	56	93	57	70	127
1888 ..	111	145	256	123	171	294	86	106	192	59	91	150	57	56	113	48	91	139
1889 ..	105	121	226	119	113	232	71	80	151	73	60	133	50	65	115	49	73	122
1890 ..	117	127	244	79	106	185	90	103	193	63	68	131	53	61	114	58	72	130
1891 ..	130	141	271	93	112	205	87	105	192	81	87	168	57	69	126	72	86	158
1892 ..	202	205	407	96	110	206	87	102	189	80	98	178	56	65	121	61	75	136
1893 ..	125	182	307	118	116	234	80	101	181	75	64	139	53	67	120	59	51	110
1894 ..	122	133	255	77	93	170	80	83	163	69	84	153	55	55	110	55	61	116
1895 ..	145	156	301	120	116	236	83	93	176	87	95	182	52	71	123	70	55	125
1896 ..	148	190	338	112	120	232	68	72	140	57	70	127	43	61	104	54	50	104
1897 ..	111	125	236	69	115	184	74	94	168	55	65	120	66	67	133	47	79	126
1898 ..	109	132	241	70	86	156	61	107	168	71	90	161	69	56	125	60	61	121
1899 ..	116	119	235	76	107	183	79	102	181	56	81	137	67	65	132	57	67	124
Total.	2,453	2,719	5,172	1,787	2,221	4,008	1,515	1,876	3,391	1,277	1,551	2,828	1,024	1,330	2,354	1,104	1,391	2,495

Year.	January.			February.			March.			April.			May.			June.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1881 ..	47	59	106	49	87	136	51	98	149	50	87	137	45	52	97	71	77	148
1882 ..	54	77	131	62	96	158	73	84	157	48	57	99	65	68	133	102	110	212
1883 ..	52	75	127	36	74	113	82	89	171	48	84	132	58	55	113	80	89	169
1884 ..	74	106	180	68	97	165	59	87	147	62	65	127	46	69	115	123	123	246
1885 ..	56	80	136	58	104	162	69	88	157	49	104	153	42	83	125	112	144	256
1886 ..	61	70	131	57	75	132	46	85	131	37	89	126	30	66	96	80	88	168
1887 ..	46	62	108	23	61	84	58	79	137	52	72	124	38	68	106	135	153	288
1888 ..	49	96	145	67	88	155	95	105	200	61	77	138	54	74	128	129	117	246
1889 ..	66	103	169	38	81	119	66	90	156	53	77	130	37	58	95	125	123	248
1890 ..	62	123	185	39	77	116	54	83	137	45	74	119	75	125	200	154	175	329
1891 ..	49	80	129	65	82	147	62	128	190	66	118	184	60	99	159	133	131	264
1892 ..	93	117	210	63	98	161	67	75	142	56	76	132	58	63	121	149	150	299
1893 ..	63	105	168	71	102	173	76	98	174	65	78	143	70	88	158	143	124	267
1894 ..	60	74	134	57	82	139	76	101	177	55	83	138	55	87	142	171	188	359
1895 ..	61	66	127	57	79	136	67	85	152	59	66	125	62	60	122	66	80	146
1896 ..	68	86	154	65	85	150	77	102	179	53	74	127	48	67	115	99	123	222
1897 ..	67	71	138	65	74	139	62	86	148	48	55	103	43	64	107	79	104	183
1898 ..	53	59	112	52	65	117	66	74	140	38	63	101	49	76	125	96	127	223
1899 ..	77	91	168	67	80	147	56	79	135	52	79	131	42	54	96	62	100	162
1900 ..	55	65	120	55	68	123	60	85	145	56	87	143	46	72	118	92	130	222
Total.	1,213	1,665	2,878	1,117	1,655	2,772	1,322	1,795	3,117	1,053	1,557	2,612	1,023	1,448	2,471	2,201	2,456	4,657

TABLE XXIV.—Percentage of deaths of those under 1 year old to total deaths of all ages; also to total births and to total deaths of those under 5 years of age, and total deaths per 1,000 inhabitants of children under 5 years of age, for twenty-five years, from July 1, 1875, to June 30, 1900, inclusive.

Years.	Total deaths of those under 1 year old.	Total deaths of all ages.	Percentage of deaths of those under 1 year old to total deaths of all ages.	Total births (reported), not including stillbirths.	Percentage of deaths of those under 1 year old to total births, not including stillbirths.	Total deaths of those under 5 years old.	Percentage of deaths of those under 1 year old to total deaths of those under 5 years old.	Total deaths per 1,000 inhabitants of those under 1 year old.	Percentage of deaths of those under 5 years old to total births, excluding stillbirths.	Total deaths per 1,000 inhabitants of those under 5 years of age.
1876 .....	1,041	4,160	25.00	4,289	24.27	1,563	66.60	6.60	46.58	9.91
1877 .....	1,133	4,208	26.92	3,811	29.73	1,856	61.01	6.97	48.70	11.43
1878 .....	1,165	4,231	27.53	3,912	29.78	1,806	64.50	6.96	46.16	10.80
1879 .....	1,206	4,309	27.98	3,816	31.60	2,020	59.70	6.99	52.93	11.72
1880 .....	1,305	4,207	23.39	4,095	31.86	1,958	71.75	7.35	47.81	11.02
1881 .....	1,041	4,136	25.17	3,595	28.96	1,678	62.04	5.68	43.00	9.17
1882 .....	1,237	4,571	27.06	3,391	36.48	1,873	66.00	6.55	55.23	9.92
1883 .....	1,079	4,286	25.18	3,116	34.95	1,669	65.25	5.67	53.56	8.69
1884 .....	1,205	4,814	25.03	3,224	37.38	2,034	59.24	6.03	63.09	10.17
1885 .....	1,301	4,998	26.03	3,334	39.05	1,957	66.48	6.55	58.69	9.78
1886 .....	1,160	4,674	25.24	3,516	33.56	1,703	69.29	5.66	48.43	8.30
1887 .....	1,280	4,665	27.43	3,728	34.33	1,791	71.47	6.09	48.04	8.53
1888 .....	1,355	5,040	26.80	3,670	36.91	1,935	70.00	6.00	52.72	8.60
1889 .....	1,468	5,152	28.49	4,001	36.69	2,089	70.27	5.87	52.21	8.35
1890 .....	1,429	5,564	25.64	4,070	35.06	2,067	69.03	5.70	50.78	8.26
1891 .....	1,433	5,730	25.00	4,344	32.97	2,070	69.22	5.73	47.44	8.28
1892 .....	1,571	6,098	25.76	4,614	34.04	2,183	71.96	6.64	47.31	8.40
1893 .....	1,744	6,452	27.50	4,458	39.79	2,361	75.56	6.23	52.96	8.28
1894 .....	1,646	6,039	27.25	5,042	32.64	2,222	73.63	5.77	44.07	7.80
1895 .....	1,257	5,565	22.57	4,797	26.20	1,775	70.82	4.67	37.00	6.45
1896 .....	1,523	5,904	25.80	4,706	32.36	2,090	72.87	5.42	44.41	7.44
1897 .....	1,411	5,737	24.59	4,575	30.85	1,853	76.14	5.00	40.52	6.60
1898 .....	1,267	5,415	23.39	4,709	26.90	1,785	70.10	4.52	37.90	6.37
1899 .....	1,240	6,026	20.58	4,757	26.07	1,811	68.47	4.42	38.07	6.46
1900 .....	1,312	5,953	22.04	4,641	28.27	1,843	71.18	4.70	39.71	6.61

TABLE XXV.—Deaths of persons over 60 years of age, less those by violence.

Years.	July.			August.			September.			October.			November.			December.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1880.....	29	18	47	20	18	38	39	21	60	44	18	62	27	16	43	45	21	66
1881.....	43	20	63	38	26	64	26	18	44	52	21	73	44	21	65	49	22	71
1882.....	34	21	55	31	22	53	26	25	51	31	29	60	29	17	46	37	21	58
1883.....	51	19	70	38	28	66	33	16	49	32	16	48	49	17	66	64	24	88
1884.....	11	31	72	29	25	54	32	16	48	46	17	63	46	26	72	39	31	70
1885.....	61	31	92	48	23	71	38	28	66	38	17	55	35	26	61	38	21	59
1886.....	49	31	80	42	27	69	61	25	89	44	17	61	47	26	73	47	25	72
1887.....	59	30	89	40	26	66	48	32	80	58	18	76	45	30	75	49	22	71
1888.....	52	24	76	43	22	65	33	16	49	39	21	60	37	22	59	59	22	81
1889.....	52	29	81	40	23	63	39	23	62	60	28	88	47	27	74	44	22	66
1890.....	11	26	67	36	19	55	49	17	66	52	29	81	65	19	84	76	35	111
1891.....	50	28	78	61	24	85	46	25	71	58	14	72	56	20	76	88	31	122
1892.....	88	38	126	81	24	105	62	25	87	72	33	105	65	24	89	67	35	102
1893.....	70	24	94	63	18	81	46	16	62	64	24	88	70	20	90	110	34	144
1894.....	71	33	104	60	18	78	57	19	76	55	27	82	53	23	76	70	29	99
1895.....	44	27	71	69	36	105	49	20	69	99	24	123	58	28	86	80	24	104
1896.....	69	29	98	109	118	227	37	34	61	69	28	97	70	19	89	84	21	105
1897.....	50	27	77	23	28	51	69	15	84	69	19	88	88	26	114	77	36	113
1898.....	93	31	127	66	27	93	71	21	92	71	26	97	79	27	106	117	43	160
1899.....	71	38	109	59	17	76	60	25	85	76	23	99	75	20	95	86	33	119
Total....	1,118	558	1,676	996	569	1,565	924	427	1,351	1,129	449	1,578	1,085	454	1,539	1,326	555	1,881

Years.	January.			February.			March.			April.			May.			June.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1881.....	54	24	78	37	20	52	47	21	68	49	25	74	38	22	60	30	17	47
1882.....	56	21	77	37	36	73	53	17	70	43	32	75	38	25	63	30	24	54
1883.....	45	23	68	42	21	63	56	30	86	57	17	74	51	17	68	36	20	56
1884.....	50	24	74	53	22	75	64	25	89	53	30	83	32	20	52	34	17	51
1885.....	51	26	77	68	31	99	72	36	108	48	31	79	34	32	66	53	28	81
1886.....	50	17	67	51	43	94	68	30	98	56	26	82	42	28	70	39	21	60
1887.....	57	21	78	43	26	69	54	17	71	47	31	78	33	25	58	40	22	62
1888.....	68	30	98	66	22	88	72	29	101	52	19	71	56	22	78	39	27	66
1889.....	57	30	87	51	21	72	69	26	95	68	34	102	45	26	71	47	20	67
1890.....	77	33	110	64	20	84	67	35	102	53	27	80	53	26	79	52	25	77
1891.....	61	28	89	52	17	69	86	37	123	149	51	200	59	26	85	56	20	76
1892.....	120	54	174	75	33	108	86	28	114	76	25	101	65	25	90	62	15	77
1893.....	91	29	120	79	27	106	113	28	141	80	29	109	70	88	158	56	19	76
1894.....	89	24	113	80	26	106	90	34	124	86	28	114	48	17	65	62	40	111
1895.....	76	16	92	67	38	105	99	42	141	45	40	85	61	59	120	65	30	95
1896.....	84	33	117	80	38	118	87	34	121	88	29	117	66	24	90	54	22	76
1897.....	90	33	123	97	34	131	102	31	133	77	35	112	63	20	83	79	28	107
1898.....	71	34	105	86	31	117	94	24	118	79	21	100	76	24	100	60	23	83
1899.....	124	39	163	91	41	132	87	34	121	70	21	91	67	30	97	71	23	94
1900.....	106	32	138	92	36	128	126	40	166	134	40	174	94	24	118	53	28	81
Total....	1,477	571	2,048	1,311	583	1,894	1,592	508	2,100	1,410	591	2,001	1,091	580	1,671	1,028	469	1,497

TABLE XXVI.—Deaths from diarrheal diseases during twenty-three years, from January 1, 1877, to December 31, 1899, inclusive.

Months.	1877.			1878.			1879.			1880.			1881.			1882.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
January.....	2	3	5	6	....	6	6	1	7	3	2	5	3	2	5	2	4	6
February.....	1	2	3	1	1	2	4	2	6	3	4	7	4	3	7	4	2	6
March.....	6	3	9	6	2	8	....	2	2	4	....	4	3	....	3	6	1	7
April.....	....	....	....	3	3	6	3	2	5	4	2	6	5	2	7	4	4	8
May.....	3	1	4	32	19	51	7	2	9	15	18	33	5	5	10	5	3	8
June.....	46	32	74	46	47	93	78	51	129	54	57	111	39	28	67	46	43	89
July.....	59	83	142	33	76	109	72	73	145	33	42	75	72	70	142	64	80	144
August.....	39	53	92	30	52	82	31	35	66	11	26	37	51	63	114	29	40	69
September.....	16	16	32	7	15	22	17	30	47	11	17	28	40	32	72	5	26	31
October.....	9	11	20	12	8	20	7	16	23	7	9	16	17	20	37	7	9	16
November.....	4	5	9	3	1	4	2	5	8	4	4	8	12	10	22	6	7	13
December.....	3	3	6	3	2	5	2	2	4	3	2	5	1	2	3	2	3	5

Months.	1883.			1884.			1885.			1886.			1887.			1888.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
January.....	....	1	1	1	....	1	3	2	5	2	....	2	2	....	2	4	....	4
February.....	2	....	2	1	2	3	1	2	3	3	1	4	2	3	5	3	2	5
March.....	1	3	4	3	5	8	2	4	6	3	....	3	3	....	3	3	2	5
April.....	2	3	5	3	1	4	....	4	4	....	2	2	....	5	7	5	2	7
May.....	5	3	8	1	7	8	3	2	5	3	1	4	....	9	9	1	4	5
June.....	34	25	59	49	50	99	57	43	100	31	20	51	68	69	137	41	49	90
July.....	69	61	130	40	46	86	71	71	142	46	46	92	68	63	131	76	65	141
August.....	39	40	79	48	37	85	27	31	58	35	43	78	28	35	63	56	71	127
September.....	9	23	32	35	31	66	19	14	33	19	15	34	18	15	33	25	32	57
October.....	4	5	9	8	12	20	12	6	18	6	10	16	9	9	18	8	12	20
November.....	5	6	11	5	7	12	2	4	6	11	4	15	....	1	1	8	1	9
December.....	3	1	4	4	3	7	....	2	2	2	3	5	7	2	9	2	2	4

Months.	1889.			1890.			1891.			1892.			1893.			1894.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
January.....	2	....	2	2	2	4	4	2	6	3	3	6	4	1	5	1	2	3
February.....	3	3	6	2	2	4	6	4	....	4	2	2	4	6	2	2	2	4
March.....	4	1	5	2	2	4	....	....	....	7	2	9	5	1	6	4	3	7
April.....	2	1	3	3	4	6	2	....	2	2	1	3	3	3	6	4	4	8
May.....	2	3	5	16	22	38	4	4	8	4	4	8	4	12	7	9	16	16
June.....	58	41	99	66	76	142	64	56	120	72	61	133	64	45	109	97	80	177
July.....	65	57	122	41	46	87	65	67	132	134	127	261	64	80	144	49	44	93
August.....	52	43	95	27	38	65	47	36	83	45	47	92	48	36	84	16	35	51
September.....	11	24	35	22	26	48	21	31	52	24	20	44	21	21	42	11	4	15
October.....	13	7	20	14	7	21	16	15	31	13	12	25	14	9	23	8	10	18
November.....	2	4	6	4	3	7	5	2	7	3	3	6	2	3	5	1	3	4
December.....	2	1	3	1	2	3	6	5	11	2	2	4	5	1	6	4	2	6

Months.	1895.			1896.			1897.			1898.			1899.			Total in 23 years.	Mean, by months.
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.		
January.....	3	1	4	2	4	6	1	....	1	1	4	5	4	....	4	95	4.1
February.....	5	3	8	1	2	3	3	....	3	4	1	5	1	....	1	105	4.6
March.....	4	5	9	3	2	5	....	3	3	2	2	4	1	3	4	118	5.1
April.....	3	3	6	1	2	3	1	2	3	2	1	3	4	3	7	111	4.8
May.....	3	2	6	6	8	14	1	2	3	3	4	7	3	3	6	277	12.0
June.....	28	21	49	50	34	84	24	22	46	38	48	86	16	21	37	2,185	95.0
July.....	72	79	151	80	88	168	48	52	100	30	64	94	54	50	104	2,935	127.6
August.....	43	46	89	37	46	83	23	28	51	15	19	34	26	33	59	1,736	75.5
September.....	28	33	61	14	11	25	20	14	34	14	29	43	21	20	43	927	40.3
October.....	18	16	34	10	5	15	9	5	14	14	9	23	13	7	20	477	20.7
November.....	9	3	12	3	1	4	4	1	5	6	2	8	6	5	11	193	8.4
December.....	5	3	8	3	1	4	5	....	5	2	1	3	4	1	5	117	5.1

TABLE XXVII.—*Showing deaths from consumption, by sex, color, and months, for twenty-four calendar years ended December 31, 1899.*

Years.	January.				February.				March.				April.				May.			
	White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1876.....	28	13	6	11	18	14	19	18	17	14	6	12	17	9	16	18	8	14	9	13
1877.....	13	10	6	15	15	19	5	18	12	14	13	10	13	15	12	12	24	10	10	10
1878.....	14	33	20	24	13	19	13	13	18	18	19	15	14	18	20	16	7	14	10	17
1879.....	26	12	6	17	15	14	13	16	15	17	21	16	12	18	17	16	9	10	20	13
1880.....	18	11	18	21	22	18	16	28	14	15	30	19	16	18	14	19	11	22	15	25
1881.....	21	22	14	12	14	15	16	25	17	16	18	26	17	11	22	35	22	13	18	17
1882.....	15	11	14	26	20	11	20	16	24	25	15	26	15	18	13	23	15	17	18	17
1883.....	19	17	13	23	10	15	16	24	28	23	17	26	13	17	15	20	16	12	14	20
1884.....	22	28	12	30	16	14	27	23	16	16	16	16	14	24	8	27	24	8	22	23
1885.....	14	13	24	18	23	20	12	23	16	16	24	14	18	24	21	21	20	12	14	35
1886.....	19	14	13	23	13	15	13	21	17	21	21	20	14	12	22	20	16	12	14	24
1887.....	16	18	15	18	23	10	13	18	21	19	12	24	13	16	17	21	5	10	9	18
1888.....	13	13	8	13	20	18	14	17	21	19	5	30	14	13	13	33	9	11	9	21
1889.....	17	7	15	21	14	14	19	14	11	18	22	21	18	16	16	13	14	13	16	21
1890.....	16	20	21	20	14	16	19	14	22	15	18	20	17	13	19	17	23	5	14	11
1891.....	8	8	24	15	16	14	11	12	16	17	25	24	27	15	20	27	15	15	16	17
1892.....	16	18	17	15	15	12	20	23	14	8	15	18	16	11	22	11	17	4	18	13
1893.....	23	11	14	20	10	15	16	12	13	17	14	13	23	15	11	20	14	16	15	20
1894.....	14	12	21	12	8	11	17	17	20	14	20	18	15	16	13	16	18	17	17	19
1895.....	15	16	16	16	22	18	16	10	12	7	15	21	19	16	23	15	21	12	10	13
1896.....	16	13	9	18	23	8	23	15	21	17	15	15	20	20	17	24	11	16	14	17
1897.....	14	20	19	22	24	16	17	22	19	8	19	21	18	14	13	16	17	8	16	13
1898.....	12	12	13	11	10	8	8	15	20	8	17	17	17	18	18	15	13	16	19	12
1899.....	23	13	13	12	19	12	23	20	18	8	11	15	18	12	16	14	22	15	9	12
Total....	412	360	351	433	397	346	386	434	422	370	408	451	398	379	398	469	361	302	346	421

Years.	June.				July.				August.				September.			
	White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1876.....	19	9	12	11	10	15	15	14	5	7	7	19	11	11	10	9
1877.....	11	8	15	20	7	12	10	20	10	10	9	17	16	9	7	12
1878.....	11	10	11	21	9	14	9	25	16	18	16	18	13	13	10	23
1879.....	15	13	15	26	11	13	13	20	11	10	10	19	14	9	12	19
1880.....	10	10	14	23	10	12	9	14	15	16	8	17	12	12	13	16
1881.....	14	11	16	14	6	14	17	28	15	9	13	19	13	9	15	29
1882.....	11	10	12	24	9	11	9	18	9	11	12	9	11	13	15	18
1883.....	10	9	13	16	14	18	13	13	9	14	11	23	18	12	16	19
1884.....	13	16	16	22	19	20	14	16	17	16	14	9	14	13	10	18
1885.....	9	11	10	24	14	20	18	22	11	15	11	23	16	15	14	20
1886.....	14	11	26	25	13	14	13	18	12	12	15	14	19	12	14	13
1887.....	9	12	16	13	9	13	12	21	8	14	7	14	14	20	12	22
1888.....	5	15	13	11	10	9	17	6	15	5	10	23	14	7	15	25
1889.....	9	11	17	15	12	8	20	23	14	13	19	22	9	8	16	17
1890.....	12	14	14	19	3	12	12	14	13	12	9	17	13	22	12	11
1891.....	14	8	19	15	16	7	13	13	13	12	17	17	13	15	14	10
1892.....	13	14	17	14	14	16	19	13	10	16	15	11	7	10	7	18
1893.....	15	9	13	16	8	7	17	17	10	5	5	17	12	12	16	20
1894.....	7	11	9	11	14	11	12	13	13	3	10	12	12	9	9	11
1895.....	19	7	16	8	10	10	17	17	8	13	13	17	17	7	17	6
1896.....	10	13	16	26	17	18	23	16	13	18	16	8	11	14	20	25
1897.....	15	8	13	17	16	12	11	12	6	6	13	17	16	12	11	12
1898.....	11	17	12	13	20	13	17	16	16	15	19	12	10	9	16	18
1899.....	15	13	10	7	15	16	14	6	15	9	25	15	12	14	10	16
Total....	294	270	365	411	286	315	344	395	284	279	304	389	317	287	311	307

TABLE XXVII.—*Showing deaths from consumption, by sex, color, and months, for twenty-four calendar years ended December 31, 1899—Continued.*

Years.	October.				November.				December.				Total.			
	White.		Colored.		White.		Colored.		White.		Colored.		White.		Colored.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1876 .....	14	14	12	13	17	13	9	21	14	13	7	13	178	146	128	172
1877 .....	14	17	8	24	12	13	13	9	18	17	13	14	165	154	121	181
1878 .....	9	18	7	10	14	23	8	10	18	15	15	15	156	201	158	207
1879 .....	9	13	4	13	14	9	16	16	16	20	11	17	167	158	158	208
1880 .....	18	14	14	21	17	11	9	18	17	20	8	14	180	179	166	235
1881 .....	17	18	15	17	22	18	13	14	17	20	15	18	195	176	192	251
1882 .....	14	14	15	13	12	16	15	16	9	11	21	23	167	168	179	223
1883 .....	14	7	18	9	14	19	14	25	21	12	10	23	186	176	169	241
1884 .....	13	10	15	14	18	14	16	8	14	13	18	19	200	192	188	225
1885 .....	14	15	12	19	12	7	17	14	20	17	10	20	187	185	187	253
1886 .....	20	11	15	19	16	17	18	20	22	18	10	15	195	169	194	232
1887 .....	18	14	15	9	13	19	16	16	20	12	5	16	169	177	149	210
1888 .....	15	21	17	7	11	12	10	15	9	15	14	23	156	163	145	224
1889 .....	13	13	11	11	7	17	12	14	24	12	26	19	162	150	209	214
1890 .....	23	15	18	21	15	15	15	15	19	15	21	9	190	174	192	188
1891 .....	17	15	11	18	23	15	15	14	12	16	13	12	190	157	200	194
1892 .....	18	10	9	22	14	11	9	18	17	9	13	10	171	149	181	186
1893 .....	11	9	9	20	10	16	15	14	23	23	18	8	172	155	163	197
1894 .....	11	17	19	16	16	9	9	18	11	15	19	19	159	145	175	182
1895 .....	16	19	10	12	14	14	7	23	12	7	13	19	185	146	173	177
1896 .....	22	17	17	15	20	8	9	13	18	9	22	18	212	171	203	220
1897 .....	18	10	13	16	12	11	14	21	14	11	22	13	165	144	177	181
1898 .....	14	8	9	20	17	10	18	15	19	17	25	10	211	145	186	171
1899 .....	14	14	17	22	14	11	14	16	13	18	14	21	198	155	176	176
Total....	366	333	320	384	354	328	311	283	397	356	343	388	4,316	3,835	4,169	3,951

TABLE XXVIII.—*Deaths from consumption, by ages, during twenty-one years ended June 30, 1900.*

Ages.	White.		Colored.		Total.
	Male.	Female.	Male.	Female.	
Under 1 year .....	42	51	139	133	365
1 to 2 years .....	25	28	122	141	316
2 to 3 years .....	11	12	100	106	229
3 to 4 years .....	6	7	54	65	132
4 to 5 years .....	3	2	42	47	94
Deaths under 5 years old.....	87	100	457	492	1,136
5 to 10 years .....	12	12	103	170	297
10 to 20 years .....	164	341	469	803	1,777
20 to 30 years .....	929	953	939	1,237	4,058
30 to 40 years .....	837	721	613	686	2,857
40 to 50 years .....	664	466	445	420	1,995
50 to 60 years .....	494	294	310	193	1,294
60 to 70 years .....	302	236	162	147	847
70 to 80 years .....	121	105	71	79	376
80 to 90 years .....	13	24	16	21	74
90 to 100 years .....	1	.....	2	6	9
Total .....	3,624	3,252	3,587	4,254	14,717
Total by color .....	6,876		7,841		
Grand total .....	13,975				



TABLE XXIX.—Total deaths from eighteen different diseases, and suicides, during twenty-five fiscal years, from July 1, 1875, to June 30, 1900.

Diseases.	1876.					1877.					1878.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	171	135	108	165	579	159	149	121	174	603	154	180	153	202	689
Typhoid fever.....	29	33	22	14	98	24	30	11	17	82	38	29	20	14	101
Apoplexy.....	30	32	22	20	104	40	34	12	24	110	33	24	10	22	89
Insanity.....	3	2	3	.....	8	10	5	5	3	23	4	.....	1	1	6
Softening of the brain.....	10	2	4	1	17	15	4	2	1	22	9	11	1	.....	21
Paralysis, hemiplegia, paraplegia.....	5	6	4	5	20	9	5	6	7	27	17	19	10	.....	6
Cancer.....	8	30	4	13	55	12	38	3	14	67	19	32	4	12	67
Epilepsy.....	8	4	5	4	21	7	5	1	3	16	2	3	.....	.....	137
Diseases of the heart.....	49	36	27	40	152	48	43	33	19	143	38	45	22	31	137
Bright's disease.....	14	7	7	5	33	17	5	2	1	25	18	5	6	7	36
Rheumatism.....	5	2	1	2	10	2	6	4	3	15	3	.....	2	.....	5
Aneurisms.....	3	1	4	1	9	.....	.....	2	.....	2	5	.....	1	1	7
Angina pectoris.....	1	2	1	.....	4	6	1	2	9	7	2	.....	.....	.....	11
Gastritis.....	12	16	7	3	38	10	4	3	3	20	6	8	5	2	21
Cirrhosis of liver.....	8	2	1	.....	11	8	2	.....	.....	12	1	2	1	.....	4
Dropsy.....	13	12	22	13	60	10	17	10	8	45	18	19	29	27	93
Diabetes.....	.....	.....	1	1	2	1	1	1	1	4	4	.....	.....	.....	6
Hernia.....	4	1	3	1	9	1	1	2	.....	4	2	1	1	.....	4
Suicides.....	3	2	.....	.....	5	3	2	.....	.....	5	6	.....	.....	.....	6

Diseases.	1879.					1880.					1881.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	171	83	157	205	716	166	168	173	239	749	194	173	163	229	759
Typhoid fever.....	27	18	19	10	74	20	23	19	22	84	24	20	13	10	67
Apoplexy.....	24	21	15	16	76	30	15	10	16	71	40	23	19	17	99
Insanity.....	7	2	3	.....	12	9	5	1	2	17	26	7	3	2	38
Softening of the brain.....	8	7	1	5	21	4	1	3	3	11	8	1	3	3	15
Paralysis, hemiplegia, paraplegia.....	22	12	7	9	50	28	23	10	21	82	28	17	9	14	68
Cancer.....	12	48	3	23	86	21	29	5	16	71	17	47	1	22	87
Epilepsy.....	4	2	1	1	8	3	.....	2	4	9	5	2	.....	.....	12
Diseases of the heart.....	49	30	21	25	125	43	33	23	28	127	43	38	36	33	150
Bright's disease.....	5	4	7	5	21	17	9	4	5	35	12	10	9	6	37
Rheumatism.....	.....	4	3	4	11	5	2	4	2	13	10	7	3	4	24
Aneurisms.....	6	.....	2	.....	8	5	.....	5	3	13	5	1	5	.....	11
Angina pectoris.....	4	.....	2	.....	6	2	3	2	4	10	5	3	.....	.....	8
Gastritis.....	8	4	3	5	20	9	6	3	7	25	12	11	2	2	27
Cirrhosis of liver.....	2	2	1	.....	5	8	2	.....	.....	12	11	1	2	.....	14
Dropsy.....	23	24	31	27	105	11	17	22	10	60	7	12	11	12	42
Diabetes.....	5	1	1	1	8	3	1	.....	.....	4	3	1	.....	.....	4
Hernia.....	.....	5	2	.....	7	3	4	.....	.....	7	3	3	1	.....	7
Suicides.....	4	3	.....	.....	7	16	3	2	.....	21	7	4	.....	.....	11

Diseases.	1882.					1883.					1884.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	193	180	180	251	804	160	170	174	226	730	195	188	183	253	819
Typhoid fever.....	37	37	23	23	120	18	31	26	17	92	32	21	13	10	76
Apoplexy.....	31	23	10	19	83	26	31	11	16	84	44	36	16	18	114
Insanity.....	28	4	4	7	43	31	8	6	6	51	32	6	12	6	56
Softening of the brain.....	6	5	4	2	17	6	3	3	12	8	5	.....	2	15	5
Paralysis, hemiplegia, paraplegia.....	18	6	12	19	55	16	18	5	6	45	21	23	3	11	58
Cancer.....	21	34	8	17	80	17	36	7	19	79	22	44	4	20	90
Epilepsy.....	6	3	7	5	21	7	1	4	1	13	2	.....	3	.....	5
Diseases of the heart.....	74	44	28	39	185	78	58	33	36	205	78	51	33	60	222
Bright's disease.....	21	15	10	11	57	12	9	7	5	33	22	11	10	6	49
Rheumatism.....	4	9	.....	6	19	9	15	7	7	38	15	9	6	6	36
Aneurisms.....	.....	2	.....	7	9	.....	.....	2	2	10	5	4	2	2	13
Angina pectoris.....	5	2	1	1	9	5	4	.....	.....	2	11	3	5	1	30
Gastritis.....	7	6	2	7	22	16	6	.....	.....	7	29	11	8	3	9
Cirrhosis of liver.....	4	4	1	.....	9	6	3	1	.....	10	2	2	.....	.....	6
Dropsy.....	5	2	13	17	37	10	7	14	11	42	4	12	12	11	39
Diabetes.....	.....	1	.....	.....	1	5	.....	1	6	3	1	.....	.....	.....	4
Hernia.....	2	2	3	.....	5	3	2	.....	.....	1	6	3	2	.....	8
Suicides.....	10	3	1	1	15	16	3	1	1	21	10	1	1	.....	12

TABLE XXIX.—Total deaths from eighteen different diseases and suicides during twenty-five fiscal years, from July 1, 1875, to June 30, 1900—Continued.

Diseases.	1885.					1886.					1887.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	195	182	192	219	788	180	174	191	251	796	189	169	167	211	736
Typhoid fever.....	48	35	14	27	124	46	35	24	23	128	32	40	24	20	116
Apoplexy.....	43	24	24	10	101	40	34	22	29	125	46	32	17	20	115
Insanity.....	57	13	17	7	94	68	16	11	6	101	52	13	18	9	92
Softening of the brain.....	7	5	2	1	15	9	5	1	2	17	8	5	2	1	16
Paralysis, hemiplegia, paraplegia.....	20	27	9	17	73	19	17	13	15	64	12	10	14	10	46
Cancer.....	25	61	10	23	119	27	53	4	19	103	25	55	8	26	111
Epilepsy.....	3	1	1	3	8	4	2	1	2	9	2	2	2	2	8
Diseases of the heart.....	65	78	40	52	235	72	48	41	74	235	66	77	45	53	241
Bright's disease.....	25	9	10	9	53	19	13	13	8	53	19	14	7	9	49
Rheumatism.....	11	10	7	6	34	21	6	4	3	34	13	13	3	7	36
Aneurisms.....	2	1	8	.....	11	8	.....	2	2	12	3	1	1	.....	5
Angina pectoris.....	4	2	1	.....	7	4	1	1	1	7	3	1	1	.....	5
Gastritis.....	13	10	4	4	31	11	16	5	5	37	14	10	5	5	34
Cirrhosis of liver.....	9	5	1	.....	15	9	5	2	1	17	10	3	1	1	15
Dropsy.....	10	8	8	11	37	9	5	11	13	38	4	8	8	10	30
Diabetes.....	6	3	1	.....	10	5	6	1	.....	12	7	3	2	1	13
Hernia.....	1	.....	4	.....	5	4	2	2	.....	8	2	1	2	1	6
Suicides.....	11	2	.....	.....	13	13	1	2	1	17	17	4	2	1	24

Diseases.	1888.					1889.					1890.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	164	186	129	223	702	157	148	188	204	697	183	154	209	210	756
Typhoid fever.....	47	48	37	36	168	53	43	41	33	170	66	52	43	47	208
Apoplexy.....	66	30	19	23	138	46	22	22	26	116	48	28	14	23	113
Insanity.....	77	16	13	11	117	72	18	10	10	110	74	20	18	11	123
Softening of the brain.....	4	5	1	.....	10	9	6	4	1	20	9	6	7	1	23
Paralysis, hemiplegia, paraplegia.....	16	18	17	12	63	20	22	14	20	76	18	24	10	17	69
Cancer.....	27	47	4	22	100	26	73	2	18	119	26	66	6	23	121
Epilepsy.....	6	6	4	2	18	.....	3	4	1	8	4	5	5	1	15
Diseases of the heart.....	81	68	58	66	273	93	61	49	64	267	94	66	51	62	273
Bright's disease.....	18	17	10	15	60	20	6	8	5	39	23	12	16	7	38
Rheumatism.....	17	18	5	13	53	14	11	6	3	34	10	11	8	6	35
Aneurisms.....	5	2	4	2	13	2	1	3	2	10	6	1	3	2	12
Angina pectoris.....	1	2	.....	2	5	2	2	1	2	6	5	1	1	.....	7
Gastritis.....	18	15	2	6	41	14	16	4	9	43	13	17	6	1	43
Cirrhosis of liver.....	9	4	2	1	16	9	.....	2	1	12	7	3	1	.....	17
Dropsy.....	8	7	6	10	31	4	7	6	8	25	7	8	11	5	31
Diabetes.....	2	3	1	1	7	5	5	1	1	12	5	3	.....	1	13
Hernia.....	2	1	1	.....	4	3	.....	6	.....	9	5	6	1	1	9
Suicides.....	13	5	.....	.....	18	14	.....	1	.....	15	20	1	1	.....	22

Diseases.	1891.					1892.					1893.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	182	168	202	197	749	185	157	194	178	714	178	155	155	193	681
Typhoid fever.....	64	65	40	39	208	70	37	39	37	183	82	40	36	20	187
Apoplexy.....	40	32	13	25	110	66	38	19	26	149	88	66	26	29	209
Insanity.....	74	17	9	10	110	31	11	4	5	51	22	12	8	5	47
Softening of the brain.....	6	1	4	3	14	10	7	7	2	26	8	3	5	2	18
Paralysis, hemiplegia, paraplegia.....	22	23	11	28	84	35	40	22	24	121	28	20	18	21	87
Cancer.....	31	59	10	31	131	35	52	6	18	111	41	75	9	27	152
Epilepsy.....	12	3	4	7	26	13	2	5	2	22	13	6	9	12	40
Diseases of the heart.....	101	81	69	73	324	102	95	65	65	327	116	87	70	72	345
Bright's disease.....	29	20	9	5	63	23	20	14	12	69	33	16	10	4	63
Rheumatism.....	18	11	8	12	49	11	13	10	17	51	16	15	10	10	51
Aneurisms.....	7	1	1	1	10	9	2	5	.....	16	9	8	3	3	23
Angina pectoris.....	11	2	.....	1	14	10	3	1	2	16	6	6	2	3	17
Gastritis.....	13	11	6	9	39	18	23	4	8	53	8	8	12	8	36
Cirrhosis of liver.....	5	1	1	.....	7	18	3	1	1	23	25	9	.....	.....	34
Dropsy.....	9	10	8	15	42	4	10	12	6	32	7	6	13	11	37
Diabetes.....	7	5	1	1	14	1	7	.....	2	10	10	4	1	1	16
Hernia.....	1	4	.....	1	6	4	.....	5	.....	9	3	4	3	1	11
Suicides.....	27	6	1	2	36	17	6	1	1	25	34	2	1	.....	37

TABLE XXIX.—Total deaths from eighteen different diseases and suicides during twenty-five fiscal years, from July 1, 1875, to June 30, 1900—Continued.

Diseases.	1894.					1895.					1896.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	156	153	177	189	675	185	140	174	172	671	178	157	171	199	705
Typhoid fever.....	76	45	29	41	191	62	56	33	36	187	78	60	45	45	228
Apoplexy.....	65	53	29	23	170	68	50	21	30	169	88	51	30	40	209
Insanity.....	26	8	2	7	43	23	8	2	4	37	32	16	5	.....	53
Softening of the brain.....	6	1	2	2	11	8	9	5	1	23	7	2	3	1	13
Paralysis, hemiplegia, paraplegia.....	31	28	11	21	94	29	17	19	33	98	19	30	12	13	74
Cancer.....	47	52	13	19	131	40	72	5	23	140	31	84	10	30	155
Epilepsy.....	22	2	7	1	32	16	5	9	5	35	11	5	7	5	31
Diseases of the heart.....	167	89	71	61	328	123	69	63	89	344	125	107	82	80	394
Bright's disease.....	19	8	12	10	49	11	16	8	3	38	63	49	32	35	179
Rheumatism.....	10	7	2	6	25	15	12	7	7	41	12	6	7	9	334
Aneurisms.....	2	2	5	1	8	3	.....	2	.....	5	7	2	4	1	14
Angina pectoris.....	7	6	1	.....	11	9	4	5	6	21	9	4	2	1	16
Gastritis.....	14	24	7	5	50	16	14	6	4	40	9	15	1	6	31
Cirrhosis of liver.....	24	11	3	4	42	13	6	3	3	25	15	7	1	3	26
Dropsy.....	12	7	4	7	30	2	5	3	7	17	2	7	3	3	15
Diabetes.....	8	3	2	1	11	7	5	.....	2	14	4	6	2	1	13
Hernia.....	3	5	6	.....	11	1	6	9	.....	16	.....	2	1	.....	3
Suicides.....	31	6	2	2	41	26	5	2	1	34	30	5	1	2	38

Diseases.	1897.					1898.					1899.				
	White.		Colored.		Total.	White.		Colored.		Total.	White.		Colored.		Total.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
Consumption.....	208	157	205	206	776	165	144	177	181	667	211	145	186	171	713
Typhoid fever.....	51	36	29	31	147	41	30	23	36	130	63	25	35	46	169
Apoplexy.....	82	56	29	38	265	76	67	49	55	247	89	68	45	54	256
Insanity.....	36	10	6	4	56	40	9	19	3	71	43	9	1	5	61
Softening of the brain.....	4	2	3	1	10	6	4	.....	3	13	5	7	1	3	16
Paralysis, hemiplegia, paraplegia.....	13	11	11	8	43	20	21	10	18	69	26	21	7	9	63
Cancer.....	42	56	9	37	141	43	75	8	34	160	40	86	18	33	177
Epilepsy.....	11	4	7	4	26	11	4	6	5	26	8	3	9	2	22
Diseases of the heart.....	128	101	85	86	400	126	103	78	110	417	172	103	112	96	483
Bright's disease and nephritis.....	93	54	51	39	237	80	74	41	35	230	35	12	8	12	67
Rheumatism.....	9	13	6	3	31	7	9	.....	1	17	4	9	2	5	20
Aneurisms.....	3	.....	5	.....	8	2	1	.....	2	5	.....	2	.....	4	7
Angina pectoris.....	10	2	1	2	15	12	10	5	4	39	9	17	5	4	35
Gastritis.....	10	12	7	5	34	15	15	5	4	39	9	17	5	4	35
Cirrhosis of liver.....	12	3	7	2	24	19	5	7	2	33	12	4	.....	2	18
Dropsy.....	.....	.....	.....	2	1	.....	.....	.....	2	2	3	1	.....	3	.....
Diabetes.....	3	4	4	1	12	9	8	.....	.....	17	14	9	1	.....	24
Hernia.....	3	2	5	1	11	1	4	4	2	13	10	10	3	5	28
Suicides.....	36	4	5	2	47	36	8	4	2	50	20	3	2	.....	25

TABLE XXIX.—Total deaths from eighteen different diseases and suicides during twenty-five fiscal years, from July 1, 1875, to June 30, 1900—Continued.

Diseases.	1900.				Total.
	White.		Colored.		
	M.	F.	M.	F.	
Consumption.....	183	151	199	209	742
Typhoid fever.....	73	44	55	45	217
Apoplexy.....	108	76	47	54	285
Insanity.....	21	2	7	3	33
Softening of the brain.....	4	8	1	1	14
Paralysis, hemiplegia, paraplegia.....	19	26	8	13	66
Cancer.....	53	86	13	44	196
Epilepsy.....	15	8	7	4	34
Diseases of the heart.....	173	143	119	130	565
Bright's disease and nephritis.....	97	42	34	42	215
Rheumatism.....	6	19	1	4	30
Aneurisms.....	2	0	2	0	4
Angina pectoris.....	7	5	0	4	16
Gastritis.....	15	12	2	6	35
Cirrhosis of liver.....	14	5	5	3	27
Dropsy.....	3	2	1	1	7
Diabetes.....	6	5	0	3	14
Hernia.....	1	1	5	2	9
Suicides.....	16	9	0	3	28

TABLE XXX.—Deaths from cancers, by color, sex, and nativity, from September 1, 1874, to June 30, 1900.

Cancer of—	Color.	Sex.	Nativity.										
			District of Colum- bia.	other parts of the United States.	Ireland.	England.	Scotland.	Germany.	France.	Italy.	Canada.	other countries.	Total.
Breast .....	{White .....	{Male .....	53	181	34	7	1	10				5	1
		{Female .....	1	3									291
Uterus .....	{Colored .....	{Male .....	20	111									4
		{Female .....	88	295	45	19	2	27	4	2	3	8	131
Ovary .....	{White .....	{Male .....	42	215									493
		{Female .....	6	11	2				2				257
Stomach .....	{Colored .....	{Male .....	1	5									21
		{Female .....	21	92	47	9	2	38	2	4		6	221
Liver .....	{White .....	{Male .....	31	87	31	8	1	16	3			2	179
		{Female .....	13	62									75
Face, head, neck, mouth and throat.	{Colored .....	{Male .....	13	78									91
		{Female .....	17	37	8			18	2		2	4	88
All others .....	{White .....	{Male .....	26	56	8	4		12				4	110
		{Female .....	4	23									27
Total .....	{Colored .....	{Male .....	1	17									18
		{Female .....	32	92	37	8	2	14	2			3	190
Grand total .....	{White .....	{Male .....	14	30	15		1	7				3	70
		{Female .....	3	18									21
Total by sex .....	{Colored .....	{Male .....	1	16									17
		{Female .....	24	126	32	7	1	25	1			3	219
Total by color .....	{White .....	{Male .....	52	147	21	4	1	21	1	1		2	250
		{Female .....	6	42									48
Grand total .....	{Colored .....	{Male .....	6	68									74
		{Female .....	94	347	125	24	5	95	7	4	2	16	719
Total .....	{White .....	{Male .....	270	807	156	42	6	93	10	3	3	24	1,411
		{Female .....	27	148									175
Grand total .....	{Colored .....	{Male .....	84	510									594
		{Female .....	475	1,812	281	66	11	188	17	7	5	40	2,902
Total by sex .....	{White .....	{Male .....	121	495	125	24	5	95	7	4	2	16	894
		{Female .....	354	1,317	156	42	6	93	10	3	3	24	2,008
Total by color .....	{Colored .....	{Male .....	364	1,154	281	66	11	188	17	7	5	40	2,133
		{Female .....	111	658									769

TABLE XXXI.—Deaths from cancers of white females from September 1, 1874, to June 30, 1900.

Cancer of—	Married.		Widows.		Single.		Total deaths from cancers, white females.
	Deaths from cancers.	Percentage to total deaths of married.	Deaths from cancers.	Percentage to total deaths of widows.	Deaths from cancers.	Percentage to total deaths of single.	
Breast .....	126	18.08	103	20.72	63	28.64	292
Uterus .....	299	42.90	156	31.39	38	17.27	493
Ovary .....	12	1.72	6	1.21	3	1.36	21
Stomach .....	65	9.32	77	15.49	35	15.91	177
Liver .....	52	7.46	41	8.25	17	7.73	110
Face, head, neck, mouth, and throat.	25	3.59	31	6.24	14	6.36	70
All others .....	118	16.93	83	16.70	50	22.73	251
Total .....	697	100.00	497	100.00	220	100.00	1,414

TABLE XXXII.—Deaths from cancers of colored females from September 1, 1874, to June 30, 1900.

Cancer of—	Married.		Widows.		Single.		Total deaths from cancers, colored females.
	Deaths from cancers.	Percentage to total deaths of married.	Deaths from cancers.	Percentage to total deaths of widows.	Deaths from cancers.	Percentage to total deaths of single.	
Breast.....	46	17.62	70	27.13	15	20.00	131
Uterus.....	126	48.28	104	40.31	27	36.00	257
Ovary.....	4	1.53	2	.78			6
Stomach.....	33	12.64	45	17.41	12	16.00	90
Liver.....	8	3.07	8	3.10	2	2.67	18
Face, head, neck, mouth, and throat.....	8	3.07	5	1.94	5	6.67	18
All others.....	36	13.79	24	9.30	14	18.66	74
Total.....	261	100.00	258	100.00	75	100.00	594

TABLE XXXIII.—Deaths from cancers, by age, color, and sex, with percentages, from September 1, 1874, to June 30, 1900.

Ages.	Color.	Sex.	Cancer of breast.	Cancer of uterus.	Cancer of ovary.	Cancer of stomach.	Cancer of liver.	Cancer of face, head, neck, mouth and throat.	All other cancers.	Total.
Under 20 years.....	White.....	Male.....				1	2	5	9	17
		Female.....	1	1			1	4	11	18
	Colored.....	Male.....	1			1		1	2	5
		Female.....				2		1	2	5
20 to 30 years.....	White.....	Male.....		8	3	6	1	12	6	11
		Female.....				4	4	12	10	30
	Colored.....	Male.....				4	1	4	5	15
		Female.....	2	12	1	3		1	6	25
30 to 40 years.....	White.....	Male.....				5	9	4	16	36
		Female.....	21	82	2	11	8	1	26	151
	Colored.....	Male.....				7		1	2	11
		Female.....	13	54	3	10	3	2	9	94
40 to 50 years.....	White.....	Male.....				36	12	29	25	102
		Female.....	71	149	3	21	25	6	48	326
	Colored.....	Male.....				21	5	4	9	39
		Female.....	28	68		18	3	5	19	141
50 to 60 years.....	White.....	Male.....				65	32	42	58	197
		Female.....	92	128	5	45	29	12	73	384
	Colored.....	Male.....				23	8	7	15	54
		Female.....	35	71	2	17	5	2	13	145
60 to 70 years.....	White.....	Male.....				59	17	56	67	200
		Female.....	60	83	5	51	27	17	61	304
	Colored.....	Male.....				12	4	5	7	28
		Female.....	28	29		21	3	3	17	101
70 to 80 years.....	White.....	Male.....				41	12	38	31	122
		Female.....	40	33	2	38	16	14	21	164
	Colored.....	Male.....				9	4	1	4	20
		Female.....	15	19		14	5	2	7	60
80 to 90 years.....	White.....	Male.....				10	5	14	6	33
		Female.....	5	7		6	2	12	3	35
	Colored.....	Male.....				1		1	3	6
		Female.....	9	4		5	1	2	2	23
90 years and over.....	White.....	Male.....								2
		Female.....		2						
	Colored.....	Male.....								
		Female.....								
Total.....	White.....	Male.....	1			221	88	190	218	718
		Female.....	293	493	20	178	109	68	253	1,414
	Colored.....	Male.....	4			78	25	22	47	176
		Female.....	130	257	6	90	18	18	75	594
Grand total.....			428	750	26	567	240	298	593	2,902
Percentage to total deaths from cancers.			14.75	25.81	.89	19.54	8.27	10.27	20.44	100.00

TABLE XXXIV.—Deaths from cancers, by color, sex, and age; total deaths from all causes, and deaths from all causes to 1 of cancer, from September 1, 1874, to June 30, 1900.

Causes of death.	White.			Colored.			Grand total.
	Male.	Female.	Total.	Male.	Female.	Total.	
Under 20 years:							
Deaths from cancers .....	17	18	35	5	5	10	45
Deaths from all causes .....	13,614	12,441	26,055	16,772	16,867	33,639	59,694
Deaths from all causes to 1 of cancer .....	800	691	744	3,354	3,373	3,364	1,326
20 to 30 years:							
Deaths from cancers .....	11	30	41	15	25	40	81
Deaths from all causes .....	2,897	2,965	5,862	2,463	3,039	5,502	11,364
Deaths from all causes to 1 of cancer .....	263	99	143	164	121	137	110
30 to 40 years:							
Deaths from cancers .....	36	151	187	11	94	105	292
Deaths from all causes .....	3,202	2,852	6,054	1,977	2,289	4,266	10,320
Deaths from all causes to 1 of cancer .....	89	19	32	180	24	41	35
40 to 50 years:							
Deaths from cancers .....	102	326	428	39	141	180	608
Deaths from all causes .....	3,681	2,533	6,214	2,056	1,979	4,035	10,249
Deaths from all causes to 1 of cancer .....	36	8	14	53	14	22	17
50 to 60 years:							
Deaths from cancers .....	197	384	581	54	145	199	780
Deaths from all causes .....	4,250	2,747	6,997	1,867	1,630	3,497	10,494
Deaths from all causes to 1 of cancer .....	22	7	12	35	11	18	13
60 to 70 years:							
Deaths from cancers .....	200	304	504	18	101	119	623
Deaths from all causes .....	4,206	3,059	7,265	1,481	1,475	2,956	10,221
Deaths from all causes to 1 of cancer .....	21	10	14	82	15	25	16
70 to 80 years:							
Deaths from cancers .....	122	164	286	18	60	78	364
Deaths from all causes .....	3,204	2,928	6,132	1,136	1,260	2,396	8,528
Deaths from all causes to 1 of cancer .....	26	18	21	63	21	31	23
80 years and over:							
Deaths from cancers .....	33	37	70	6	23	29	99
Deaths from all causes .....	1,181	1,778	2,959	692	1,294	1,986	4,945
Deaths from all causes to 1 of cancer .....	36	48	42	115	56	68	50
Total deaths from cancers .....	718	1,414	2,132	166	594	760	2,892
Total deaths from all causes .....	36,235	31,303	67,538	28,444	29,833	58,277	125,815
Total deaths from all causes to 1 of cancer .....	50	22	32	171	50	77	44

TABLE XXXV.—Stillbirths, including legitimate and illegitimate, with percentages of each to stillbirths, and of illegitimate to total illegitimate stillborn, by color, for twenty-two years, from 1879 to 1900, inclusive.

Years.	Number of stillborn.	Color.		Legitimate.		Illegitimate.		Percentage of legitimates to total stillbirths, by color.		Percentage of illegitimates to total stillbirths, by color.		Percentage of illegitimate stillborn to total illegitimate stillborn, by color.	
		White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
1879.....	395	130	265	112	171	18	94	28.4	43.3	4.56	23.8	16.0	84.0
1880.....	358	119	239	105	159	14	80	29.3	44.4	3.90	22.3	14.9	85.1
1881.....	370	141	229	125	143	16	86	33.8	38.6	4.30	23.0	15.7	84.3
1882.....	351	140	211	124	146	16	65	35.3	41.5	4.66	18.6	19.7	80.3
1883.....	362	154	208	136	139	18	69	37.5	38.4	5.07	19.0	20.7	79.3
1884.....	351	132	219	123	141	9	78	35.0	40.2	2.57	22.2	10.3	89.7
1885.....	391	179	212	154	127	25	85	39.4	32.5	6.40	21.7	22.7	77.3
1886.....	406	164	242	149	138	15	104	40.4	34.9	3.70	25.6	12.6	87.4
1887.....	406	149	257	127	146	22	111	31.3	36.0	5.40	27.3	16.6	83.4
1888.....	458	182	276	156	155	26	121	31.1	33.0	5.68	26.4	17.7	82.3
1889.....	443	157	286	137	163	20	123	30.9	36.8	4.51	28.0	14.0	86.0
1890.....	474	183	291	172	181	11	110	36.3	34.2	2.32	23.2	9.1	91.0
1891.....	440	172	268	154	157	18	111	35.0	35.7	4.09	25.2	14.0	86.0
1892.....	467	182	285	169	180	13	105	36.2	38.6	2.78	22.5	11.0	88.9
1893.....	475	161	314	144	180	17	134	30.3	37.9	3.58	28.2	11.2	88.8
1894.....	562	204	358	183	255	21	103	32.6	45.4	3.74	18.3	16.9	83.1
1895.....	540	201	339	173	172	28	167	32.4	31.8	5.20	30.9	14.4	85.6
1896.....	520	181	339	153	172	28	167	29.4	33.8	5.38	32.1	14.4	85.6
1897.....	487	187	300	154	180	33	120	31.6	36.9	6.77	24.7	21.6	78.4
1898.....	503	197	306	156	163	41	153	31.0	32.4	8.15	30.4	21.1	78.9
1899.....	513	172	341	148	172	24	169	28.8	33.5	4.68	33.0	12.4	87.5
1900.....	536	177	359	157	179	20	180	29.3	33.4	3.73	33.6	10.0	90.0
Total and mean.	9,808	3,664	6,234	3,211	3,619	453	2,535	33.1	37.0	4.60	25.5	15.3	86.5

TABLE XXXVI.—*Legitimate and illegitimate births, with percentages of births to deaths, of stillbirths to births, of illegitimacy to births, and of illegitimacy to total illegitimacy, by color, for twenty-two years, from 1879 to 1900, inclusive.*

Years.	Number of deaths.	Number of births.	Births, by color.		Legitimate.		Illegitimate.		Per cent of births to deaths.	Per cent of stillbirths to births.
			White.	Colored.	White.	Colored.	White.	Colored.		
1879.....	4,309	3,816	2,117	1,699	2,068	1,403	49	299	88.5	10.4
1880.....	4,206	4,095	2,297	1,798	2,211	1,456	56	342	97.3	8.8
1881.....	4,136	3,595	2,014	1,581	1,961	1,274	53	307	86.9	10.2
1882.....	4,571	3,391	1,800	1,591	1,747	1,277	53	314	71.2	10.4
1883.....	4,286	3,116	1,684	1,432	1,631	1,132	53	300	72.7	11.6
1884.....	4,814	3,224	1,747	1,477	1,681	1,196	63	281	66.9	10.9
1885.....	4,998	3,334	1,861	1,473	1,805	1,136	56	337	66.7	11.8
1886.....	4,674	3,516	1,981	1,535	1,916	1,184	65	351	75.2	11.5
1887.....	4,665	3,728	2,092	1,636	2,022	1,288	70	348	79.9	10.9
1888.....	5,040	3,670	2,035	1,635	1,964	1,262	71	373	72.8	12.5
1889.....	5,152	4,001	2,176	1,825	2,098	1,397	78	428	77.6	11.0
1890.....	5,564	4,070	2,246	1,824	2,171	1,341	75	483	73.1	11.6
1891.....	5,720	4,341	2,512	1,831	2,440	1,371	73	460	75.9	10.1
1892.....	6,098	4,614	2,648	1,966	2,581	1,447	67	519	75.6	10.1
1893.....	6,452	4,458	2,585	1,873	2,512	1,368	73	505	69.1	10.6
1894.....	6,039	5,042	3,007	2,035	2,930	1,496	77	539	83.5	11.0
1895.....	5,565	4,794	2,878	1,916	2,774	1,396	104	520	86.1	11.3
1896.....	5,904	4,706	2,876	1,920	2,686	1,403	100	517	79.7	11.0
1897.....	5,737	4,573	2,761	1,812	2,665	1,335	96	477	79.7	10.6
1898.....	5,415	4,709	2,737	1,972	2,641	1,454	96	518	86.9	10.7
1899.....	6,026	4,757	2,866	1,891	2,800	1,412	66	479	77.3	10.7
1900.....	5,953	4,641	2,790	1,851	2,700	1,374	90	477	77.9	11.5
Total and mean.....	115,324	90,194	51,710	38,573	50,037	29,402	1,584	9,174	78.3	10.9

Years.	Per cent of illegitimacy to total births.	Per cent of legitimacy to total births, by color.		Per cent of illegitimacy to total births, by color.		Per cent of illegitimacy to total illegitimacy, by color.		Per cent of white illegitimacy to white births, and colored illegitimacy to colored births.	
		White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
1879.....	12.5	54.2	36.7	1.31	7.83	14.0	86.0	2.32	17.60
1880.....	12.0	54.7	35.6	1.38	8.35	14.0	86.0	2.43	19.02
1881.....	12.9	54.6	35.4	1.47	8.54	14.8	85.2	2.33	19.42
1882.....	12.3	51.5	37.7	1.60	9.26	14.7	85.3	2.09	19.73
1883.....	14.1	52.4	36.3	1.74	9.63	15.0	85.0	3.14	20.95
1884.....	13.4	52.2	37.1	2.00	8.70	18.3	81.7	3.60	19.02
1885.....	15.0	54.1	34.7	1.68	10.18	14.3	85.7	3.00	22.88
1886.....	15.2	54.5	33.7	1.85	9.98	15.6	84.4	3.28	22.86
1887.....	14.8	54.3	34.5	1.83	9.33	16.7	83.3	3.34	21.27
1888.....	16.1	53.5	34.4	1.93	10.16	16.0	84.0	3.49	22.18
1889.....	12.7	52.4	34.9	1.93	10.70	15.4	84.6	3.59	23.45
1890.....	13.7	53.3	33.0	1.84	11.90	13.4	86.6	3.34	26.50
1891.....	12.3	56.1	31.5	1.68	10.70	13.7	86.3	2.90	25.12
1892.....	12.7	55.9	31.2	1.45	11.25	11.4	88.6	2.53	26.40
1893.....	12.9	56.3	30.6	1.64	11.30	12.6	87.4	2.82	27.00
1894.....	12.2	58.1	29.6	1.53	10.69	12.5	87.5	2.56	26.46
1895.....	13.0	57.8	29.2	2.17	10.85	16.7	83.3	3.61	27.14
1896.....	13.1	57.0	29.8	2.13	10.99	16.2	83.8	3.48	26.93
1897.....	12.5	58.3	29.2	2.10	14.30	16.8	83.2	3.48	35.73
1898.....	13.0	56.3	30.9	2.04	11.00	15.6	84.4	4.24	26.30
1899.....	11.4	58.9	29.7	1.40	10.00	12.1	87.9	2.30	25.33
1900.....	12.2	58.2	29.6	1.94	10.02	15.9	84.1	3.23	25.77
Total and mean.....	13.2	55.2	32.9	1.76	10.26	14.8	85.2	3.05	23.96



TABLE XXXVII.—Deaths from pneumonia during twenty-five years, from July 1, 1875, to June 30, 1900, inclusive, by years, months, and color.

Years.	July.			August.			September.			October.			November.			December.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1875-76	3	3	6	7	11	18	3	6	9	9	15	24	12	16	28	22	20	42
1876-77	4	3	7	5	6	11	3	11	11	8	8	16	9	13	22	15	16	31
1877-78	7	6	6	2	5	7	1	1	5	3	10	13	7	15	22	6	20	26
1878-79	7	13	20	7	10	17	9	10	19	6	10	16	11	20	31	12	17	29
1879-80	5	3	8	6	11	17	4	12	16	4	5	9	17	9	26	11	18	29
1880-81	5	15	18	2	9	11	2	5	7	2	10	12	10	10	20	17	19	36
1881-82	2	4	6	3	7	10	2	5	7	5	6	11	9	9	20	10	29	39
1882-83	2	7	9	2	9	11	5	4	9	4	7	11	12	16	28	18	15	33
1883-84	1	6	7	3	4	7	2	4	6	7	11	18	10	14	24	34	29	63
1884-85	3	5	8	2	3	5	2	4	6	3	7	10	17	12	20	10	14	24
1885-86	5	4	9	2	4	6	7	1	8	5	5	10	4	12	16	11	8	19
1886-87	3	5	8	5	7	12	4	7	11	6	5	11	9	11	20	16	20	36
1887-88	2	3	5	2	2	4	5	9	14	6	6	12	15	8	23	15	12	37
1888-89	3	2	5	2	8	10	4	6	10	10	13	23	10	10	20	23	24	37
1889-90	2	2	4	4	2	6	6	6	12	8	20	13	16	29	13	21	34	34
1890-91	5	4	9	6	10	16	6	9	15	8	16	12	14	26	26	26	52	62
1891-92	3	6	9	3	7	10	10	11	21	7	17	24	17	10	27	32	34	66
1892-93	6	7	13	7	7	14	12	8	20	13	14	27	11	22	33	12	23	35
1893-94	8	7	15	5	5	10	2	9	11	8	15	23	8	20	28	28	19	47
1894-95	4	3	7	5	6	11	4	6	10	10	17	27	5	21	26	25	21	46
1895-96	8	9	17	5	4	9	7	8	15	11	17	28	29	22	51	24	21	45
1896-97	1	13	11	4	5	9	7	8	15	5	1	6	21	19	40	24	20	43
1897-98	3	6	9	6	10	16	7	10	17	10	12	22	16	21	37	27	36	61
1898-99	7	5	12	2	6	8	5	11	16	12	15	27	14	16	30	34	38	72
1899-1900	2	4	6	8	5	13	7	10	17	12	18	30	14	9	23	28	32	69
Total pneumonia	94	140	234	105	163	268	120	184	304	186	260	446	314	365	679	493	552	1,045
Total bronchitis	49	76	125	38	73	111	56	71	130	85	112	197	94	145	239	144	199	343
Total congestion of lungs	40	32	72	44	31	75	51	44	95	65	67	132	77	75	152	97	93	190
Total acute lung diseases	183	248	431	187	267	454	227	302	529	336	439	775	485	585	1,070	734	844	1,578

Years.	January.			February.			March.			April.			May.			June.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1875-76	15	36	51	23	29	52	40	38	78	22	44	66	15	26	41	2	6	8
1876-77	30	28	58	19	42	61	25	31	54	14	19	33	7	8	15	5	13	18
1877-78	23	26	49	16	21	37	16	34	50	17	20	37	15	36	51	9	23	34
1878-79	22	31	56	20	31	54	30	47	77	19	30	49	4	21	25	3	10	13
1879-80	18	23	41	15	22	37	31	30	61	14	25	39	6	20	26	11	8	19
1880-81	20	22	42	18	23	41	24	38	62	19	27	46	12	11	23	3	7	10
1881-82	18	19	37	22	30	52	19	36	55	20	16	36	15	16	31	8	8	16
1882-83	13	23	36	20	23	43	30	31	61	20	21	41	18	10	28	6	5	11
1883-84	19	19	38	21	17	38	24	18	42	20	22	42	11	11	22	5	5	10
1884-85	11	19	30	19	45	64	24	43	67	21	39	60	13	22	35	4	12	16
1885-86	19	17	36	16	26	42	23	29	52	22	29	51	10	13	23	7	7	14
1886-87	17	19	36	20	15	35	14	15	29	18	13	31	4	9	13	6	3	9
1887-88	28	29	57	26	22	48	29	30	59	22	20	42	16	9	25	3	4	7
1888-89	16	27	43	27	27	54	32	28	60	18	18	36	4	10	14	7	2	9
1889-90	48	71	119	25	27	52	22	27	49	20	23	43	13	19	32	9	13	22
1890-91	23	17	40	17	19	36	14	36	80	86	71	157	11	31	42	14	15	29
1891-92	75	64	139	42	45	87	30	37	67	17	21	38	14	9	23	6	10	16
1892-93	27	30	57	28	37	65	48	47	95	25	25	50	22	23	45	9	13	22
1893-94	29	28	57	39	22	61	32	45	77	22	32	54	11	17	28	2	12	14
1894-95	26	24	50	35	33	68	40	35	75	30	24	54	17	17	34	6	9	15
1895-96	41	42	83	42	48	90	27	35	62	20	37	57	9	14	23	5	15	20
1896-97	46	34	80	61	38	99	40	35	75	31	26	57	13	17	30	10	9	19
1897-98	31	29	60	28	42	70	38	35	73	23	24	47	14	17	31	9	12	21
1898-99	43	46	89	29	51	83	32	30	62	26	35	61	11	23	34	5	11	16
1899-1900	29	42	71	23	29	52	42	36	78	33	33	66	13	21	34	5	13	18
Total pneumonia	687	768	1,455	651	770	1,421	754	846	1,600	599	697	1,296	298	430	728	159	247	406
Total bronchitis	172	235	407	170	257	427	190	242	432	146	208	354	91	133	224	49	105	154
Total congestion of lungs	170	139	309	116	109	225	127	94	221	110	95	205	69	73	142	50	48	98
Total acute lung diseases	1,029	1,142	2,171	937	1,136	2,073	1,071	1,182	2,253	855	1,000	1,855	458	636	1,094	238	400	658

TABLE XXXVIII.—Deaths from bronchitis during twenty-five years, from July 1, 1875, to June 30, 1900, inclusive, by years, months, and color.

Years.	July.			August.			September.			October.			November.			December.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1875-76	1	1	2	3	...	3	1	2	3	2	3	5	4	3	7	5	2	7
1876-77	3	2	5	3	2	5	2	3	5	3	5	8	2	2	4	6	7	13
1877-78	1	...	1	...	...	...	...	...	...	1	1	2	...	2	2	3	4	7
1878-79	1	1	2	2	4	6	3	2	5	3	2	5	3	4	7	6	4	10
1879-80	2	...	2	...	4	4	...	4	4	1	2	3	1	4	5	4	8	12
1880-81	...	4	4	2	4	6	4	5	9	2	4	6	1	6	7	1	5	6
1881-82	...	3	3	1	...	1	1	1	1	2	3	4	7	11	2	8	10	10
1882-83	1	1	2	1	...	1	...	4	4	2	6	8	1	8	9	4	7	21
1883-84	1	1	2	2	3	5	1	3	4	3	5	8	2	11	13	6	14	10
1884-85	1	5	6	2	1	3	2	3	5	2	4	6	1	5	6	4	10	14
1885-86	4	4	8	1	2	3	1	4	5	2	7	9	3	8	11	3	3	6
1886-87	2	4	6	4	4	8	3	5	8	6	9	15	4	11	15	2	7	9
1887-88	1	...	1	1	2	3	3	1	4	1	5	6	4	3	7	5	5	10
1888-89	1	4	5	1	3	4	3	2	5	5	5	10	3	6	9	12	9	21
1889-90	4	4	8	1	3	4	2	1	3	5	2	7	2	10	12	7	11	18
1890-91	2	5	7	3	9	12	4	2	6	3	10	13	4	7	11	6	10	16
1891-92	1	6	7	2	4	6	1	3	4	3	5	8	6	9	15	9	14	23
1892-93	3	7	10	2	6	8	4	7	11	5	6	11	8	7	15	7	11	18
1893-94	4	6	10	1	1	2	5	2	7	7	8	15	6	3	9	8	16	24
1894-95	3	5	8	2	4	6	1	3	4	3	4	7	7	3	10	5	5	10
1895-96	4	3	7	1	7	8	3	5	8	3	6	9	6	4	10	14	8	22
1896-97	1	4	5	2	2	4	3	3	6	5	1	6	5	3	8	6	6	12
1897-98	3	...	3	...	1	1	1	5	6	6	1	7	3	10	13	2	7	9
1898-99	2	3	5	1	3	4	5	...	5	4	2	6	8	4	12	11	5	16
1899-1900	3	3	6	...	4	4	3	3	6	4	7	11	6	5	11	6	13	19
Total	49	76	125	38	73	111	56	74	130	85	112	197	94	145	239	144	199	343

Years.	January.			February.			March.			April.			May.			June.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1875-76	3	6	9	5	4	9	10	5	15	6	5	11	2	...	2	1	3	4
1876-77	5	4	9	2	10	12	2	5	7	5	1	6	1	...	1	...	3	3
1877-78	4	5	9	3	3	6	3	2	5	3	1	4	2	...	4	6	2	8
1878-79	6	4	10	2	5	7	6	8	14	2	12	14	...	5	5	2	7	1
1879-80	6	6	12	7	14	21	5	14	19	3	8	11	...	5	7	...	7	3
1880-81	4	7	11	6	8	14	4	9	13	3	11	14	2	5	7	1	...	7
1881-82	...	8	8	3	9	12	2	5	7	6	7	13	1	4	5	3	6	9
1882-83	4	5	9	2	9	11	5	7	12	1	5	6	2	6	8	1	5	6
1883-84	9	13	22	9	17	26	6	11	17	4	4	8	2	3	5	...	1	1
1884-85	3	10	13	8	4	12	5	3	8	2	13	15	2	7	9	2	2	4
1885-86	8	8	16	4	12	16	8	13	21	6	9	15	1	4	5	2	4	6
1886-87	2	8	10	8	7	15	7	5	12	4	8	12	5	8	13	2	3	5
1887-88	5	14	19	8	10	18	8	15	23	2	2	4	3	1	4	2	3	5
1888-89	7	14	21	5	14	19	11	8	19	4	11	15	1	2	3	1	2	3
1889-90	6	25	31	6	13	19	11	16	27	9	10	19	9	12	21	2	10	12
1890-91	8	8	16	10	9	19	10	19	29	32	22	54	12	14	26	6	7	13
1891-92	25	22	47	19	20	39	15	11	26	6	11	17	7	10	17	6	4	10
1892-93	11	24	35	11	19	30	16	14	30	12	11	23	11	8	19	3	3	6
1893-94	10	9	19	5	12	17	15	14	29	7	9	16	6	5	11	2	8	10
1894-95	4	7	11	6	13	19	8	9	17	8	7	15	4	4	8	3	4	7
1895-96	7	8	15	8	9	17	7	14	21	4	13	17	3	5	8	2	3	5
1896-97	13	8	21	6	9	15	8	11	19	4	4	8	...	1	1	4	4	8
1897-98	5	5	10	7	10	17	6	9	15	2	...	2	2	8	10	...	4	4
1898-99	10	...	10	11	11	22	8	9	17	7	12	19	5	6	11	1	8	9
1899-1900	7	7	14	9	6	15	4	6	10	4	12	16	6	6	12	1	4	5
Total	172	235	407	170	257	427	190	242	432	146	208	354	91	133	224	49	105	154

TABLE XXXIX.—Deaths from congestion of the lungs during twenty-five years, from July 1, 1875, to June 30, 1900, inclusive, by months, years, and color.

Years.	July.			August.			September.			October.			November.			December.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1875-76	2	1	3	2	1	3	2	4	6	4	4	2	5	7	1	2	3	3
1876-77	1	2	3	1	1	2	1	2	3	1	1	1	1	1	2	2	2	2
1877-78	1	1	2	3	3	6	2	1	3	3	3	3	1	4	2	2	2	2
1878-79	3	1	4	4	1	5	2	1	3	4	3	7	3	7	10	4	4	8
1879-80	4	1	5	1	1	2	1	5	1	6	1	2	6	4	10	10	10	10
1880-81	1	3	4	1	2	3	2	4	6	3	3	5	2	3	5	6	5	11
1881-82	1	1	2	1	1	2	2	1	3	3	4	7	4	8	4	1	7	11
1882-83	2	2	4	2	3	5	2	1	3	1	3	4	1	1	2	1	7	5
1883-84	1	1	2	3	3	6	3	3	2	3	5	4	1	5	1	3	4	4
1884-85	3	1	4	2	2	4	4	4	2	3	5	2	3	5	5	6	11	5
1885-86	1	1	2	3	3	6	3	3	1	5	6	4	2	6	2	3	5	5
1886-87	1	2	3	2	2	4	3	3	5	1	6	3	1	4	4	3	7	5
1887-88	2	1	3	1	1	2	6	8	1	1	2	3	4	7	4	1	5	5
1888-89	1	1	2	3	2	5	1	1	4	8	12	3	5	8	3	3	6	6
1889-90	3	2	5	2	2	4	2	1	3	8	1	9	1	2	3	4	3	7
1890-91	2	2	4	2	1	3	2	2	1	1	2	2	1	2	2	4	2	6
1891-92	3	2	5	2	2	4	1	1	2	5	3	8	7	5	12	10	4	8
1892-93	1	1	2	2	1	3	7	2	9	5	6	11	6	5	11	8	13	21
1893-94	2	1	3	2	2	4	1	2	1	1	2	5	5	10	10	2	2	12
1894-95	1	3	4	3	3	6	3	4	7	3	7	10	1	4	5	5	5	10
1895-96	5	5	10	1	2	3	2	1	3	7	2	9	5	9	14	8	5	13
1896-97	1	1	2	1	1	2	2	1	3	2	2	4	1	3	4	3	3	6
1897-98	1	1	2	1	2	3	2	1	3	2	2	4	2	2	2	2	2	5
1898-99	1	1	2	1	1	2	2	1	3	2	2	4	2	2	2	3	2	5
1899-1900	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2	2
Total	40	32	72	44	31	75	51	44	95	65	67	132	77	75	152	97	93	190

Years.	January.			February.			March.			April.			May.			June.		
	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.	W.	C.	T.
1875-76	1	3	4	3	4	7	3	5	8	8	2	10	1	1	2	2	2	2
1876-77	7	4	11	5	1	6	3	3	6	2	3	5	2	1	3	2	1	4
1877-78	5	2	7	5	1	6	6	2	8	1	4	5	3	4	7	3	1	4
1878-79	6	6	12	4	8	12	5	4	9	3	6	9	2	2	4	2	1	3
1879-80	6	2	8	9	7	16	1	2	3	2	6	8	2	2	4	3	3	3
1880-81	4	2	6	6	6	12	2	5	7	1	1	3	1	4	3	3	6	4
1881-82	7	4	11	5	5	10	7	3	10	6	2	8	1	7	8	4	4	4
1882-83	6	6	12	1	1	2	4	3	7	4	5	9	3	3	6	1	3	4
1883-84	6	10	16	1	6	7	8	1	9	2	3	5	2	1	3	5	3	8
1884-85	10	5	15	7	5	12	6	1	7	3	5	8	1	1	2	5	5	5
1885-86	1	6	7	4	4	8	2	1	3	2	4	6	2	2	3	2	5	5
1886-87	11	4	15	3	3	6	4	2	6	6	5	11	2	2	4	2	2	4
1887-88	8	3	11	5	5	10	4	6	10	2	4	6	4	4	8	2	2	2
1888-89	4	3	7	4	2	6	5	5	10	2	2	4	2	3	5	4	4	4
1889-90	10	7	17	1	2	3	5	3	8	2	1	3	6	3	9	2	2	4
1890-91	3	6	9	2	3	5	10	2	12	22	12	34	4	5	9	3	3	6
1891-92	18	11	29	13	6	19	10	7	17	3	6	9	4	4	8	3	3	6
1892-93	20	6	26	9	8	17	7	6	13	4	4	8	6	6	12	4	1	5
1893-94	5	11	16	6	5	11	11	5	16	3	3	6	2	4	6	2	2	2
1894-95	3	10	13	9	8	17	5	7	12	13	7	20	5	6	11	2	1	3
1895-96	11	12	23	4	5	9	4	4	8	2	3	5	4	6	10	1	2	3
1896-97	5	7	12	4	9	13	5	8	13	5	4	9	2	5	7	1	1	1
1897-98	6	5	11	1	3	4	3	3	4	2	6	3	3	3	3	3	3	3
1898-99	4	2	6	3	3	6	3	5	8	3	2	5	6	1	7	2	3	5
1899-1900	3	2	5	2	2	4	4	4	8	5	5	3	1	4	2	2	2	4
Total	170	139	309	116	109	225	127	94	221	110	95	205	69	73	142	50	48	98

TABLE XL.—*Mean daily dew-point, relative humidity, and the number of deaths from acute lung diseases in each month for nineteen years, from 1882 to 1900, inclusive.*

Years.	July.			August.			September.			October.		
	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.
1882.....	61.6	67.8	10	61.8	70.8	13	66.9	74.3	13	53.2	73.1	24
1883.....	63.1	67.1	15	61.6	75.2	17	61.6	77.1	16	53.2	77.9	23
1884.....	64.8	68.9	9	59.6	67.9	15	55.9	74.3	13	49.0	76.9	31
1885.....	63.5	72.3	17	65.1	75.1	10	60.3	69.7	15	47.6	68.3	21
1886.....	65.6	68.8	19	63.7	73.7	12	55.3	71.2	16	47.4	78.6	25
1887.....	64.4	74.4	17	63.9	75.0	24	59.7	73.4	22	46.5	70.0	32
1888.....	69.6	71.9	9	63.0	72.7	8	55.0	83.8	26	42.5	65.9	20
1889.....	63.7	77.0	11	67.1	79.6	19	58.1	83.8	16	43.1	76.8	45
1890.....	67.5	80.4	17	63.5	79.0	12	57.9	81.3	12	43.3	76.5	35
1891.....	63.1	71.2	20	63.8	77.7	31	59.6	81.7	23	46.4	76.4	30
1892.....	62.3	96.7	21	66.2	81.7	18	62.4	82.8	27	43.3	73.5	40
1893.....	66.3	76.5	23	65.1	73.5	25	55.7	74.4	40	42.0	68.0	49
1894.....	63.0	67.0	28	61.2	57.2	14	56.0	76.0	19	46.8	77.0	40
1895.....	61.1	68.0	19	63.4	75.5	20	61.2	76.9	21	47.6	76.2	41
1896.....	62.5	74.8	34	65.4	72.0	20	60.1	72.8	26	47.4	64.4	46
1897.....	68.0	76.0	18	64.4	72.0	15	58.9	78.2	24	43.1	72.3	29
1898.....	67.6	77.7	12	65.0	78.0	19	57.2	75.0	26	49.5	80.7	31
1899.....	67.0	73.0	17	68.0	79.8	17	59.9	75.7	24	50.0	80.0	36
1900.....	66.4	75.2	13	67.1	81.3	21	57.6	79.5	26	50.4	83.3	45
Total.....	1237.1	1401.7	329	1224.9	1417.7	330	1125.3	1461.9	405	892.3	1416.1	646
Mean.....	65.1	73.9	17.3	64.5	74.6	17.4	59.2	76.9	21.3	47.0	74.5	34.0

Years.	November.			December.			January.			February.		
	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.
1882.....	39.7	74.9	39	34.5	76.6	54	27.4	80.9	56	31.5	76.6	74
1883.....	33.6	71.6	39	25.3	67.7	55	24.3	81.6	57	29.0	73.5	56
1884.....	37.6	71.0	42	29.2	75.6	87	23.2	77.9	76	34.2	78.5	71
1885.....	34.6	70.3	40	29.7	79.3	49	24.0	71.0	58	18.6	72.3	88
1886.....	37.7	76.2	33	27.6	69.1	30	23.7	81.4	59	24.8	76.2	66
1887.....	32.9	63.3	39	22.6	73.7	52	22.6	67.9	61	28.6	70.6	66
1888.....	30.3	60.1	37	27.2	69.7	42	21.2	73.6	87	27.8	75.5	76
1889.....	37.9	75.0	37	25.4	68.5	74	28.8	74.3	71	19.6	69.2	79
1890.....	37.8	78.2	44	34.0	72.8	60	32.7	71.7	211	33.0	74.5	94
1891.....	35.5	71.4	41	23.3	70.7	76	27.5	74.5	65	31.9	74.4	60
1892.....	33.5	72.9	44	30.5	69.7	103	22.8	73.2	215	27.0	73.7	145
1893.....	33.7	69.3	59	24.0	74.0	64	15.0	71.0	118	24.0	68.0	112
1894.....	33.5	73.5	47	27.8	71.2	83	29.4	76.6	92	26.2	73.0	89
1895.....	32.1	68.3	41	27.8	75.4	66	24.4	77.0	74	14.0	62.8	104
1896.....	38.2	80.6	75	29.5	74.3	80	23.2	69.4	121	24.7	67.2	126
1897.....	40.4	74.4	52	24.3	67.5	62	20.7	70.6	113	20.7	79.5	127
1898.....	36.5	74.6	52	29.7	76.7	73	27.2	72.4	80	23.4	68.9	90
1899.....	34.0	73.8	44	24.8	69.3	93	23.5	72.2	115	19.9	77.9	108
1900.....	36.5	78.1	37	25.2	68.9	81	24.9	71.7	90	22.9	69.9	71
Total.....	676.0	1377.5	842	522.4	1470.7	1,284	466.5	1408.9	1,819	481.8	1382.2	1,682
Mean.....	35.6	72.5	44.3	27.6	72.1	67.5	24.6	74.2	95.7	25.4	72.7	88.5

TABLE XI.—*Mean daily dew-point, relative humidity, and the number of deaths from acute lung diseases in each month for nineteen years, from 1882 to 1900, inclusive—Cont'd.*

Years.	March.			April.			May.			June.		
	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.	Dew-point.	Relative humidity.	Deaths.
1882.....	33.5	69.3	72	39.3	68.1	57	48.3	70.9	44	60.0	64.5	29
1883.....	25.8	65.9	80	42.1	74.0	59	50.2	65.0	32	62.9	70.1	21
1884.....	33.1	72.9	68	36.6	62.1	55	51.4	66.0	30	61.6	71.4	19
1885.....	24.0	67.0	82	37.7	59.4	83	50.0	68.1	46	62.9	70.1	25
1886.....	32.0	70.8	76	46.9	75.7	72	55.3	80.4	30	64.2	83.2	25
1887.....	23.9	59.6	47	37.1	61.7	54	56.0	69.3	30	59.7	68.0	18
1888.....	27.2	69.4	92	37.3	59.1	52	53.5	74.5	33	61.8	70.0	14
1889.....	31.6	68.2	89	42.3	70.9	55	54.5	73.2	22	62.1	77.2	16
1890.....	28.5	67.2	89	40.1	63.6	65	53.2	72.8	65	66.7	68.9	37
1891.....	28.1	72.8	121	40.6	61.9	245	49.0	68.4	140	61.4	74.0	48
1892.....	26.8	70.1	120	38.7	64.8	64	52.0	69.2	48	66.2	75.0	32
1893.....	28.0	67.0	138	42.0	67.0	81	50.0	68.7	82	66.0	73.0	33
1894.....	35.0	65.6	122	39.2	63.2	76	54.1	69.9	45	61.0	67.6	26
1895.....	27.4	61.6	104	39.8	64.4	85	52.0	72.6	43	63.9	72.3	25
1896.....	27.0	67.0	91	43.4	65.5	79	57.3	72.7	41	61.1	75.4	28
1897.....	36.0	73.5	107	38.1	60.8	74	51.0	69.3	38	60.4	74.8	28
1898.....	38.7	73.7	91	37.0	62.9	55	56.0	78.0	44	60.8	66.2	27
1899.....	37.6	73.8	87	39.0	60.0	85	53.2	70.0	52	64.1	71.8	30
1900.....	25.8	62.4	96	38.0	56.7	87	49.1	60.3	50	62.4	74.2	27
Total.....	570.0	1,297.8	1,772	755.2	1,221.8	1,483	996.1	1,339.3	915	1,189.2	1,367.7	508
Mean....	30.0	68.3	93.3	39.7	64.3	78.0	52.5	70.5	48.2	63.1	72.0	26.7

TABLE XII.—*Percentage of deaths from pneumonia, bronchitis, and congestion of the lungs; also from total acute lung diseases to total population, and the total deaths therefrom since 1876 to the year 1900, inclusive.*

Years.	Total population in each year.	Total deaths from all causes in each year.	Deaths from pneumonia in each year.	Percentage of deaths from pneumonia to total deaths.	Percentage of deaths from pneumonia to total population.	Deaths from bronchitis in each year.	Percentage of deaths from bronchitis to total deaths.
1876.....	157,600	4,160	423	10.2	0.267	77	\$.185
1877.....	162,375	4,208	350	8.3	.221	78	.185
1878.....	167,300	4,231	337	8.0	.213	50	.118
1879.....	172,377	4,309	406	9.4	.237	98	.228
1880.....	177,638	4,207	328	7.8	.190	107	.255
1881.....	183,060	4,136	328	7.9	.186	98	.237
1882.....	188,653	4,571	320	7.0	.170	88	.192
1883.....	191,980	4,286	314	7.3	.160	87	.202
1884.....	196,490	4,814	317	6.6	.160	131	.273
1885.....	201,110	4,998	354	7.0	.177	101	.200
1886.....	205,840	4,673	286	6.1	.140	121	.259
1887.....	210,680	4,665	251	5.4	.120	128	.275
1888.....	215,630	5,040	323	6.4	.140	104	.206
1889.....	222,830	5,152	331	6.4	.132	134	.260
1890.....	232,460	5,564	416	7.5	.176	181	.325
1891.....	242,520	5,720	517	9.0	.206	227	.397
1892.....	253,010	6,098	527	8.6	.203	219	.358
1893.....	260,800	6,452	475	7.3	.166	216	.335
1894.....	265,600	6,039	424	7.0	.149	169	.280
1895.....	270,514	5,565	413	7.4	.152	122	.219
1896.....	275,500	5,904	500	8.5	.180	147	.248
1897.....	280,250	5,737	509	8.8	.181	114	.198
1898.....	278,001	5,415	466	8.6	.194	97	.179
1899.....	278,289	6,026	508	8.4	.216	144	.238
1900.....	278,577	5,953	486	8.1	.174	128	.215
Total and mean.....	5,569,084	127,923	9,909	7.7	.171	3,157	.247

TABLE XLI.—Percentage of deaths from pneumonia, bronchitis, and congestion of the lungs; also from total acute lung diseases to total population, and the total deaths therefrom since 1876 to the year 1900, inclusive.—Continued.

Years.	Percentage of deaths from bronchitis to total population.	Deaths from congestion of lungs in each year.	Percentage of deaths from congestion of lungs to total deaths.	Percentage of deaths from congestion of lungs to total population.	Total deaths from acute lung diseases in each year.	Percentage of deaths from acute lung diseases to total deaths.	Percentage of deaths from acute lung diseases to total population.
1876.....	0.50	59	1.42	0.31	559	13.5	0.35
1877.....	.48	44	1.05	.27	472	11.2	.29
1878.....	.30	56	1.32	.33	443	10.5	.27
1879.....	.67	86	2.02	.59	590	13.7	.34
1880.....	.60	74	1.82	.41	509	12.1	.29
1881.....	.53	68	1.64	.37	494	11.9	.27
1882.....	.46	77	1.70	.49	485	10.6	.26
1883.....	.45	69	1.60	.36	470	10.0	.25
1884.....	.65	68	1.42	.34	516	10.7	.26
1885.....	.50	79	1.58	.39	534	10.6	.27
1886.....	.60	56	1.20	.27	463	10.0	.23
1887.....	.60	73	1.56	.35	452	9.7	.22
1888.....	.46	69	1.30	.30	496	9.8	.22
1889.....	.53	69	1.34	.30	534	10.3	.21
1890.....	.72	73	1.31	.30	670	12.0	.27
1891.....	.90	98	1.71	.39	842	14.7	.34
1892.....	.81	131	2.15	.50	877	14.2	.34
1893.....	.76	136	2.11	.48	827	12.8	.29
1894.....	.59	88	1.45	.31	681	11.2	.24
1895.....	.44	115	2.07	.41	680	11.7	.24
1896.....	.53	110	1.86	.40	757	12.8	.27
1897.....	.40	79	1.37	.28	702	12.2	.25
1898.....	.34	44	.81	.16	607	11.2	.22
1899.....	.51	54	.89	.19	706	11.7	.25
1900.....	.46	49	.82	.18	663	11.1	.24
Total and mean .....	.59	1,924	1.54	.36	14,999	11.7	.26

TABLE XLII.—Comparative statement of deaths of persons 60 years of age and over, with percentages to total deaths and to total population, for sixteen years, from 1884 to 1900.

Years.	Total population.	Total deaths.	Deaths of persons 60 years of age and over, less those by violence.	Percentage of deaths of those 60 years and over to total deaths.	Number of deaths of those 60 years and over to 1,000 of population.	Number of deaths of all ages to 1,000 of population.
1884-85.....	201,110	4,998	889	17.80	4.4	24.99
1885-86.....	205,840	4,674	875	18.72	4.2	22.80
1886-87.....	210,680	4,665	860	18.43	4.1	22.21
1887-88.....	215,630	5,040	959	19.03	4.2	22.40
1888-89.....	222,830	5,152	884	17.14	3.6	20.60
1889-90.....	232,460	5,564	966	17.36	3.8	22.25
1890-91.....	242,520	5,720	1,137	19.88	4.5	22.88
1891-92.....	253,010	6,098	1,206	19.78	4.6	23.45
1892-93.....	260,800	6,452	1,292	20.00	5.5	22.64
1893-94.....	265,600	6,039	1,192	19.74	4.2	21.19
1894-95.....	270,514	5,565	1,131	20.32	4.1	20.57
1895-96.....	275,500	5,904	1,174	19.88	4.3	21.43
1896-97.....	280,250	5,737	1,310	22.83	4.7	20.43
1897-98.....	278,001	5,415	1,216	22.25	4.3	19.47
1898-99.....	278,289	6,026	1,373	22.78	4.9	21.65
1899-00.....	278,577	5,953	1,237	20.78	4.4	21.37
Aggregate and mean .....	3,978,813	89,002	17,201	19.80	4.4	21.89

TABLE XLIII.—Comparative statement exhibiting general results of marriages, births, and deaths during the eight years ended June 30, 1900.

Subject.	Year ended June 30—							
	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
Marriages.....	1,424	1,496	2,391	2,237	1,519	1,598	1,733	1,828
Births.....	4,428	5,042	4,794	4,706	4,573	4,709	4,757	4,641
Deaths.....	6,452	6,039	5,565	5,904	5,737	5,415	6,026	5,953
Death rates.....	22.64	21.19	20.57	21.43	20.43	19.32	20.96	13.14
Deaths under 1 year of age.....	1,770	1,646	1,257	1,523	1,411	1,267	1,240	1,314
Deaths under 5 years of age.....	2,361	2,222	1,775	2,090	1,853	1,785	1,811	1,843
Deaths 50 years of age and over.....	1,926	1,917	1,773	1,776	1,310	1,771	2,051	1,859
Deaths in institutions.....	1,265	1,183	1,147	1,257	1,207	1,209	1,255	1,267
Causes of death:								
Measles.....	10	10	10	70	3	10	27	41
Scarlet fever.....	7	14	16	13	1	13	19	23
Diphtheria.....	128	172	124	75	110	130	174	205
Whooping cough.....	30	74	58	22	65	84	12	48
Typhoid fever.....	187	191	187	228	147	130	169	216
Malarial fevers.....	50	26	64	84	57	51	60	45
Meningitis.....	105	83	88	95	69	103	187	93
Diarrheal diseases.....	575	519	300	468	358	319	270	330
Croup.....	30	26	17	9	6	5	17	-----
Acute lung diseases.....	827	681	650	757	702	607	706	663
Consumption.....	681	675	671	705	776	667	713	742
Bright's disease of the kidneys.....	63	49	38	41	52	45	67	52
Heart disease (excluding aneurisms).....	345	340	368	394	400	441	483	556
Violence.....	298	267	248	234	227	228	233	218
All other diseases.....	3,116	2,912	2,726	2,709	2,764	2,582	2,889	3,332

TABLE XLIV.—Mean temperature in the District of Columbia.

Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1870.....											44.6	34.0
1871.....	32.6	35.9	48.0	58.2	63.9	73.2	74.0	76.8	62.3	58.1	42.3	32.1
1872.....	31.7	33.7	35.4	56.0	67.4	75.4	81.8	79.0	69.0	65.5	42.5	30.3
1873.....	30.9	34.8	41.8	53.1	63.6	75.1	79.8	74.8	68.0	54.9	40.8	40.5
1874.....	40.8	37.2	44.5	47.6	63.8	77.5	78.9	71.6	70.1	55.9	44.6	39.2
1875.....	29.5	28.8	39.1	48.0	63.6	72.9	77.0	71.9	64.6	53.6	41.0	36.8
1876.....	40.3	36.7	39.4	51.4	64.5	75.8	81.4	75.5	65.2	50.7	45.2	26.5
1877.....	29.1	39.4	41.0	52.9	61.9	73.9	77.8	76.2	66.9	58.6	46.2	41.8
1878.....	33.5	39.8	49.4	58.3	62.5	69.1	80.2	75.0	68.9	57.0	45.4	33.3
1879.....	30.8	31.6	43.5	51.8	65.3	72.9	78.6	73.9	64.4	62.0	45.6	41.1
1880.....	41.9	40.8	41.8	55.5	70.5	73.5	76.7	74.9	67.9	54.9	40.2	49.0
1881.....	27.6	32.3	40.1	50.3	67.0	70.7	77.4	76.5	77.0	69.2	47.5	41.7
1882.....	33.2	40.4	44.1	50.8	59.2	73.8	76.0	73.8	69.1	56.9	47.2	36.9
1883.....	29.6	37.5	37.6	50.9	63.6	74.4	76.8	72.1	71.7	59.6	44.7	36.0
1884.....	29.4	40.9	42.2	50.9	64.4	72.5	74.2	74.2	66.1	54.7	45.3	37.5
1885.....	32.9	26.9	34.5	53.1	62.3	71.4	77.8	73.4	69.3	57.6	46.1	30.7
1886.....	28.9	32.2	42.0	55.5	62.1	69.9	73.9	73.1	65.0	55.4	44.9	37.2
1887.....	32.9	38.9	38.5	51.6	67.9	72.1	80.5	73.2	63.2	50.5	45.8	35.2
1888.....	29.2	35.7	37.5	52.9	62.7	73.0	72.9	73.9	63.2	52.5	46.2	45.6
1889.....	36.8	29.4	42.3	53.2	63.8	69.8	74.2	70.6	65.6	56.2	47.8	34.2
1890.....	44.2	43.4	41.4	53.7	63.8	74.9	74.1	73.5	67.7	54.4	43.9	43.1
1891.....	37.3	41.5	38.5	55.4	61.3	71.4	72.0	74.5	70.2	54.0	43.6	33.0
1892.....	31.7	36.9	37.7	51.5	63.8	76.2	75.7	76.2	66.2	55.0	43.6	38.4
1893.....	24.0	34.9	41.0	54.0	61.6	42.0	77.0	74.7	66.0	56.4	43.8	37.4
1894.....	37.7	35.2	48.6	53.2	64.8	73.7	78.0	73.9	71.4	57.8	46.4	46.1
1895.....	31.6	26.2	41.8	53.8	62.6	74.6	72.7	77.3	72.4	52.1	40.6	35.5
1896.....	33.3	36.6	38.6	66.5	68.8	71.3	76.6	75.7	67.7	54.0	45.9	38.1
1897.....	30.9	36.5	46.0	53.0	62.5	69.7	70.4	74.0	68.2	58.1	43.8	35.6
1898.....	36.7	34.9	48.9	50.9	64.0	73.4	79.0	76.9	70.9	58.0	45.2	36.1
1899.....	33.5	27.4	42.1	54.0	64.3	74.4	76.7	74.9	65.8	58.4		





TABLE XLVII.—Statement showing the number of cases of diphtheria reported, together with the number of deaths therefrom, with percentages, sex, and color, for the year ended June 30, 1900.

Month.	Total cases reported.	Total deaths.	Deaths, by color.		Cases, by color.		Per- cent- ages of deaths to cases.	Percent- ages of cases to 10,000 of popu- lation.	Percent- ages of deaths to 10,000 of popu- lation.
			White.	Colored.	White.	Colored.			
1899.									
July .....	31	9	5	4	24	7	29	1.01	.32
August .....	125	15	9	6	86	39	12	4.48	.53
September .....	139	30	18	12	98	41	21.58	5.02	1.06
October .....	124	29	20	9	102	22	23.38	4.40	1.03
November .....	159	33	27	6	135	24	20.75	5.70	1.18
December .....	108	20	18	2	93	15	18.52	3.88	.71
1900.									
January .....	112	14	9	5	98	14	12.50	4.03	.50
February .....	92	14	8	6	75	17	15.21	3.30	.50
March .....	67	14	10	4	58	9	20.69	2.41	.50
April .....	67	9	8	1	60	7	13.43	2.41	.32
May .....	52	11	9	2	43	9	21.15	1.86	.38
June .....	33	7	5	2	26	7	21.21	1.18	.25
Total .....	1,109	205	146	59	898	211	18.48	39.88	7.28

TABLE XLVIII.—Statement showing the number of cases of scarlet fever reported, together with the number of deaths therefrom, with percentages, sex, and color, for the year ended June 30, 1900.

Month.	Total cases reported.	Total deaths.	Deaths, by color.		Cases, by color.		Percent-ages of deaths to cases.	Percent-ages of cases to 10,000 of population.	Percent-ages of deaths to 10,000 of population.
			White.	Colored.	White.	Colored.			
1899.									
July .....	33	3	3	.....	29	4	9.0	1.18	0.11
August .....	37	1	1	.....	31	6	2.7	1.33	.04
September .....	49	3	2	1	45	4	6.1	1.76	.11
October .....	95	2	2	.....	88	7	2.1	3.40	.07
November .....	71	3	1	2	65	6	4.2	2.55	.11
December .....	109	3	2	1	108	1	2.7	3.91	.11
1900.									
January .....	150	1	1	.....	143	7	0.6	5.38	.04
February .....	67	2	2	.....	63	4	2.9	2.40	.07
March .....	75	1	1	.....	75	.....	1.3	2.69	.04
April .....	61	.....	.....	.....	59	2	.....	2.19	.....
May .....	74	2	1	1	67	7	2.7	2.65	.07
June .....	72	2	2	.....	63	9	2.6	2.60	.07
Total .....	893	23	18	5	836	57	2.57	32.04	.83

TABLE XLIX.—Statement showing number of deaths from typhoid fever, by months, from July 1, 1879, to June 30, 1900.

Fiscal year—	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1879-80	10	16	9	12	7	3
1880-81	8	9	5	11	4	7
1881-82	6	17	17	28	14	6
1882-83	11	16	7	17	6	2
1883-84	12	8	10	5	6	9
1884-85	7	13	21	26	13	19
1885-86	19	16	14	19	9	13
1886-87	15	19	15	13	12	16
1887-88	18	32	22	20	18	15
1888-89	12	23	27	34	19	7
1889-90	23	18	29	15	18	29
1890-91	33	26	29	30	21	17
1891-92	6	22	21	36	26	12
1892-93	19	21	31	22	25	18
1893-94	21	24	28	23	23	21
1894-95	33	30	26	30	24	16
1895-96	12	27	56	55	24	20
1896-97	8	15	25	25	18	16
1897-98	10	16	18	10	9	18
1898-99	24	22	22	28	21	16
1899-1900	10	39	30	28	29	26
Monthly totals and general average for 21 years.	317	429	462	487	346	306

Fiscal year—	Jan.	Feb.	Mar.	Apr.	May.	June.	Total deaths from typhoid fever.	Population	Rate per 10,000 of population.
1879-80	6	2	5	2	6	6	84	177,638	4.73
1880-81	5	3	2	5	4	4	67	183,000	3.66
1881-82	7	8	6	5	5	1	120	188,653	3.26
1882-83	5	6	8	4	5	5	92	191,980	4.80
1883-84	3	4	5	5	3	6	76	196,490	3.86
1884-85	6	2	4	1	1	11	124	201,114	6.11
1885-86	7	5	10	7	6	3	128	205,820	5.93
1886-87	4	6	6	4	2	4	116	210,600	5.53
1887-88	8	7	8	7	3	10	168	215,630	7.80
1888-89	14	7	9	5	6	7	170	222,830	7.63
1889-90	9	6	19	11	10	21	208	232,460	8.95
1890-91	12	6	12	9	5	8	208	242,520	8.55
1891-92	13	13	8	7	8	11	183	253,010	7.20
1892-93	6	7	6	11	11	10	187	260,800	7.17
1893-94	10	5	5	6	5	20	191	265,600	7.20
1894-95	3	8	2	1	6	8	187	270,514	7.17
1895-96	9	8	3	3	4	7	228	274,160	8.27
1896-97	13	4	4	4	6	9	147	276,963	5.31
1897-98	8	4	2	9	6	20	130	280,250	4.63
1898-99	10	4	7	6	3	6	169	287,462	5.88
1899-1900	17	6	8	10	6	12	221	278,577	7.93
Total	175	121	139	122	111	189	3,204		

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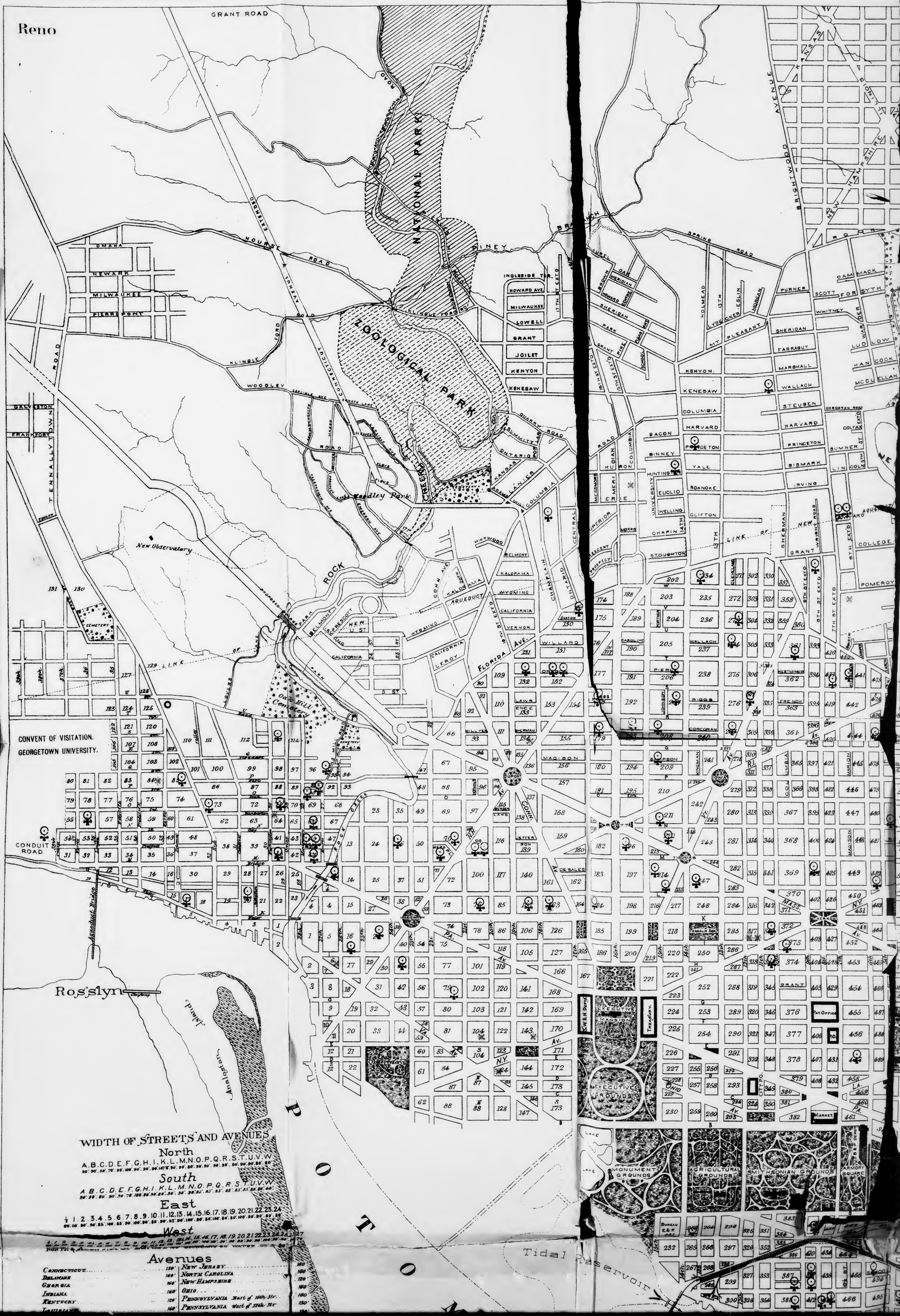
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Reno

GRANT ROAD



WIDTH OF STREETS AND AVENUES

North

A.B.C.D.E.F.G.H.I.K.L.M.N.O.P.Q.R.S.T.U.V.W

South

A.B.C.D.E.F.G.H.I.K.L.M.N.O.P.Q.R.S.T.U.V.W

East

1.2.3.4.5.6.7.8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24

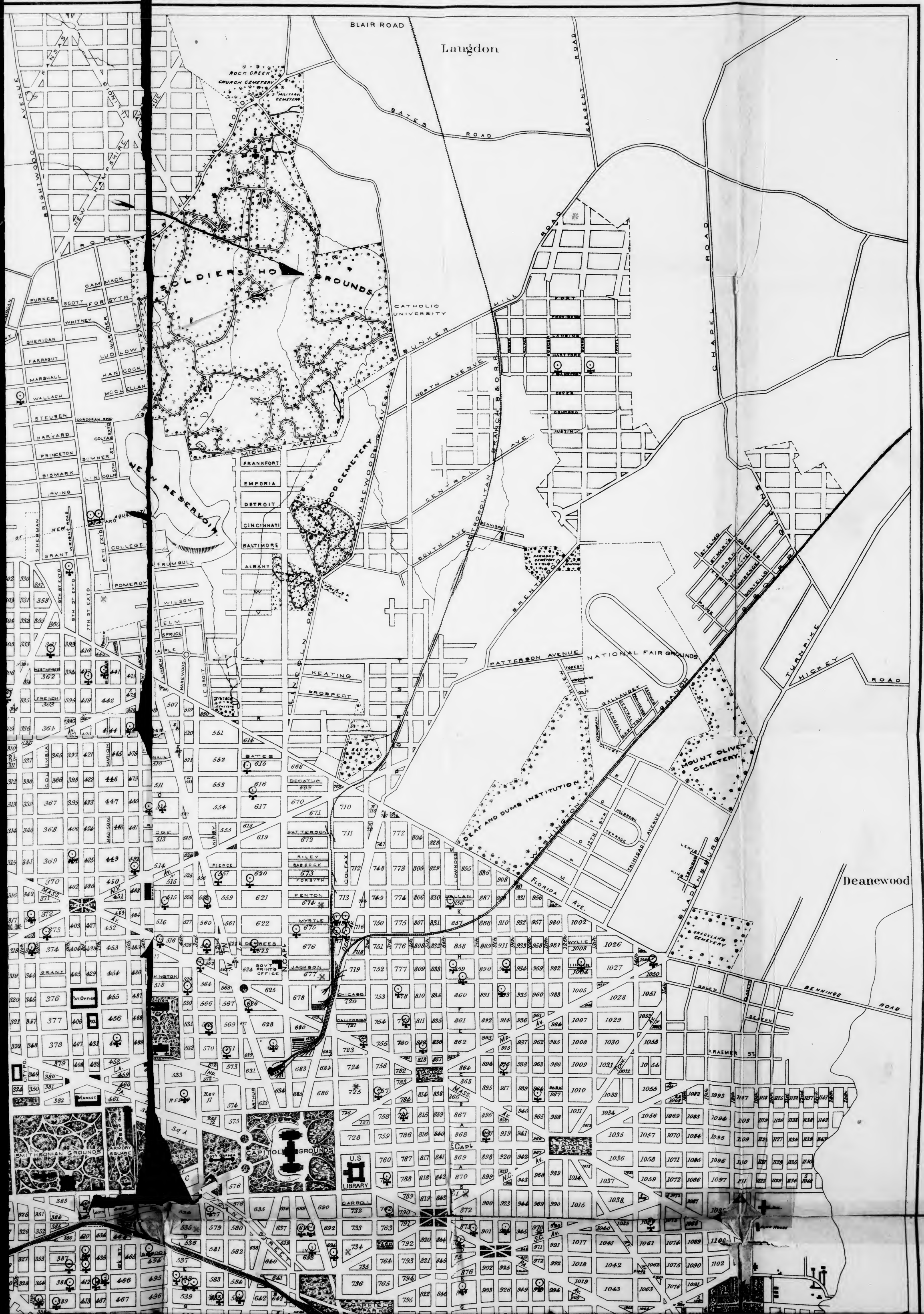
West

1.2.3.4.5.6.7.8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24

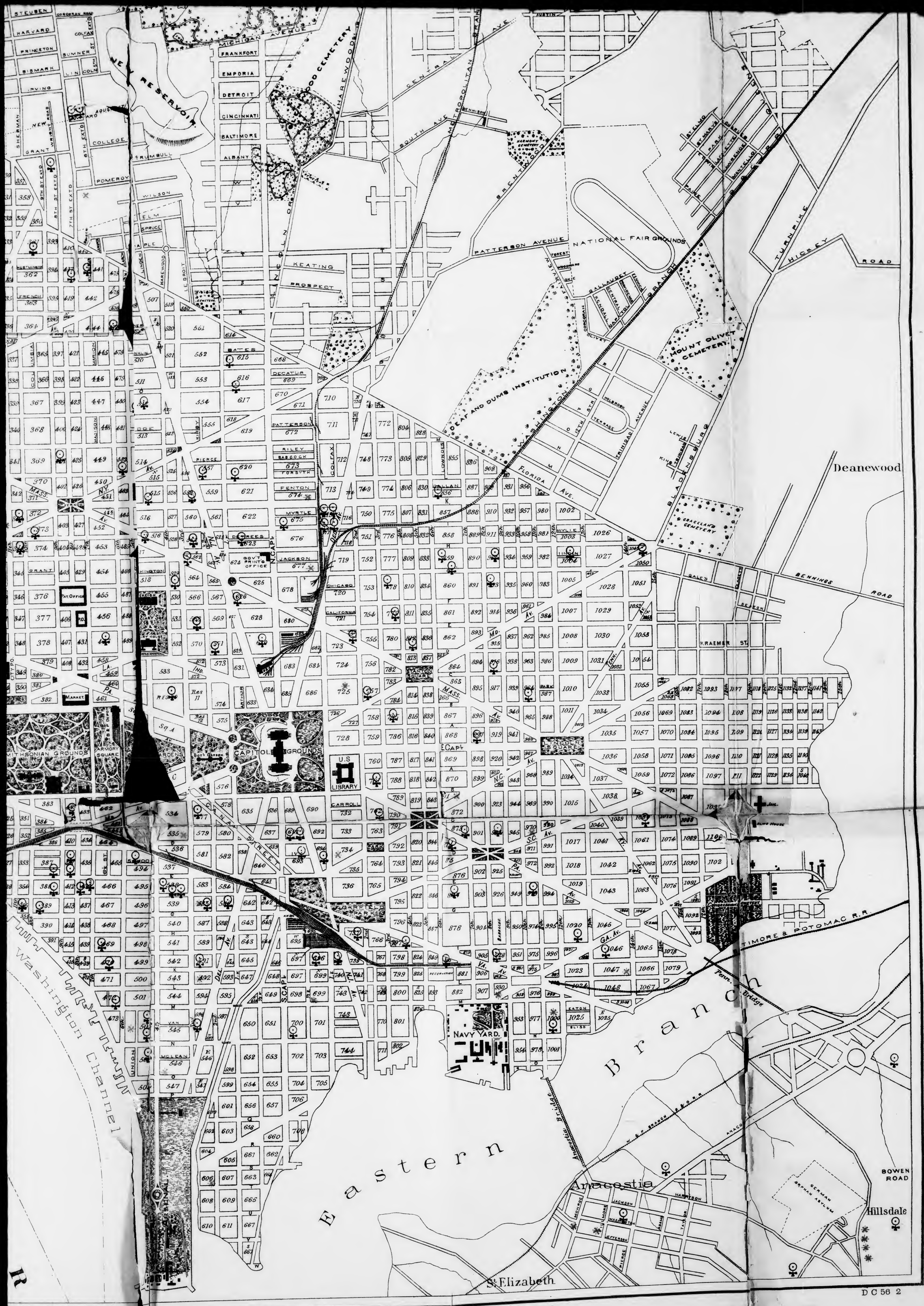
Avenues

- CONNECTICUT
- DELAWARE
- GEORGIA
- INDIANA
- KENTUCKY
- LOUISIANA
- MAINE
- MARYLAND
- MASSACHUSETTS
- MICHIGAN
- MINNESOTA
- MISSISSIPPI
- MISSOURI
- MONTANA
- NEBRASKA
- NEVADA
- NEW HAMPSHIRE
- NEW JERSEY
- NEW YORK
- NORTH CAROLINA
- NORTH DAKOTA
- OHIO
- PENNSYLVANIA
- RHODE ISLAND
- SOUTH CAROLINA
- SOUTH DAKOTA
- TENNESSEE
- TEXAS
- VIRGINIA
- WASHINGTON
- WEST VIRGINIA
- WISCONSIN
- WYOMING













WIDTH OF STREETS AND AVENUES

North

A B C D E F G H I J K L M N O P Q R S T U V W

South

A B C D E F G H I J K L M N O P Q R S T U V W

East

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

West

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

Avenues

- 150' NEW JERSEY
- 160' NORTH CAROLINA
- 160' NEW HAMPSHIRE
- 160' OHIO
- 125' PENNSYLVANIA East of 15th St.
- 160' PENNSYLVANIA West of 15th St.
- 160' RHODE ISLAND
- 160' SOUTH CAROLINA
- 80' TENNESSEE
- 80' VERMONT
- 130' VIRGINIA Mail to Eastern Branch
- 160' VIRGINIA B St. to Rock Creek

N.O.I.

MAP

OF THE

CITY OF WASHINGTON

SHOWING LOCATION OF FATAL CASES OF ZYMO TIC DISEASES  
FOR THE YEAR ENDING JUNE 30, 1900.

- ♀ TYPHOID FEVER.
- \* MALARIAL FEVER.

SCALE.  
FEET.





WIDTH OF STREETS AND AVENUES

North	
Letter	Width (Feet)
A	50
B	50
C	50
D	50
E	50
F	50
G	50
H	50
I	50
K	50
L	50
M	50
N	50
O	50
P	50
Q	50
R	50
S	50
T	50
U	50
V	50
W	50

South	
Letter	Width (Feet)
A	50
B	50
C	50
D	50
E	50
F	50
G	50
H	50
I	50
K	50
L	50
M	50
N	50
O	50
P	50
Q	50
R	50
S	50
T	50
U	50
V	50
W	50

East	
Number	Width (Feet)
1	50
2	50
3	50
4	50
5	50
6	50
7	50
8	50
9	50
10	50
11	50
12	50
13	50
14	50
15	50
16	50
17	50
18	50
19	50
20	50
21	50
22	50
23	50
24	50

West	
Number	Width (Feet)
1	50
2	50
3	50
4	50
5	50
6	50
7	50
8	50
9	50
10	50
11	50
12	50
13	50
14	50
15	50
16	50
17	50
18	50
19	50
20	50
21	50
22	50
23	50
24	50

Avenues

State	Width (Feet)
CONNECTICUT	150
DELAWARE	150
GEORGIA	150
INDIANA	150
KENTUCKY	150
LOUISIANA	150
MARYLAND	150
MASSACHUSETTS	150
MISSOURI	150
MAINE	150
NEW YORK East of 15th St	150
NEW YORK West of 17th	150
NEW JERSEY	150
NORTH CAROLINA	150
NEW HAMPSHIRE	150
OHIO	150
PENNSYLVANIA East of 15th St	150
PENNSYLVANIA West of 15th St	150
RHODE ISLAND	150
SOUTH CAROLINA	150
TENNESSEE	150
VERMONT	150
VIRGINIA Mall to Eastern Branch	150
VIRGINIA B St to Rock Creek	150

# N.O.I. MAP OF THE CITY OF WASHINGTON

SHOWING LOCATION OF FATAL CASES OF ZYMOIC DISEASES  
FOR THE YEAR ENDING JUNE 30, 1900.

- ♀ TYPHOID FEVER.
- \* MALARIAL FEVER.

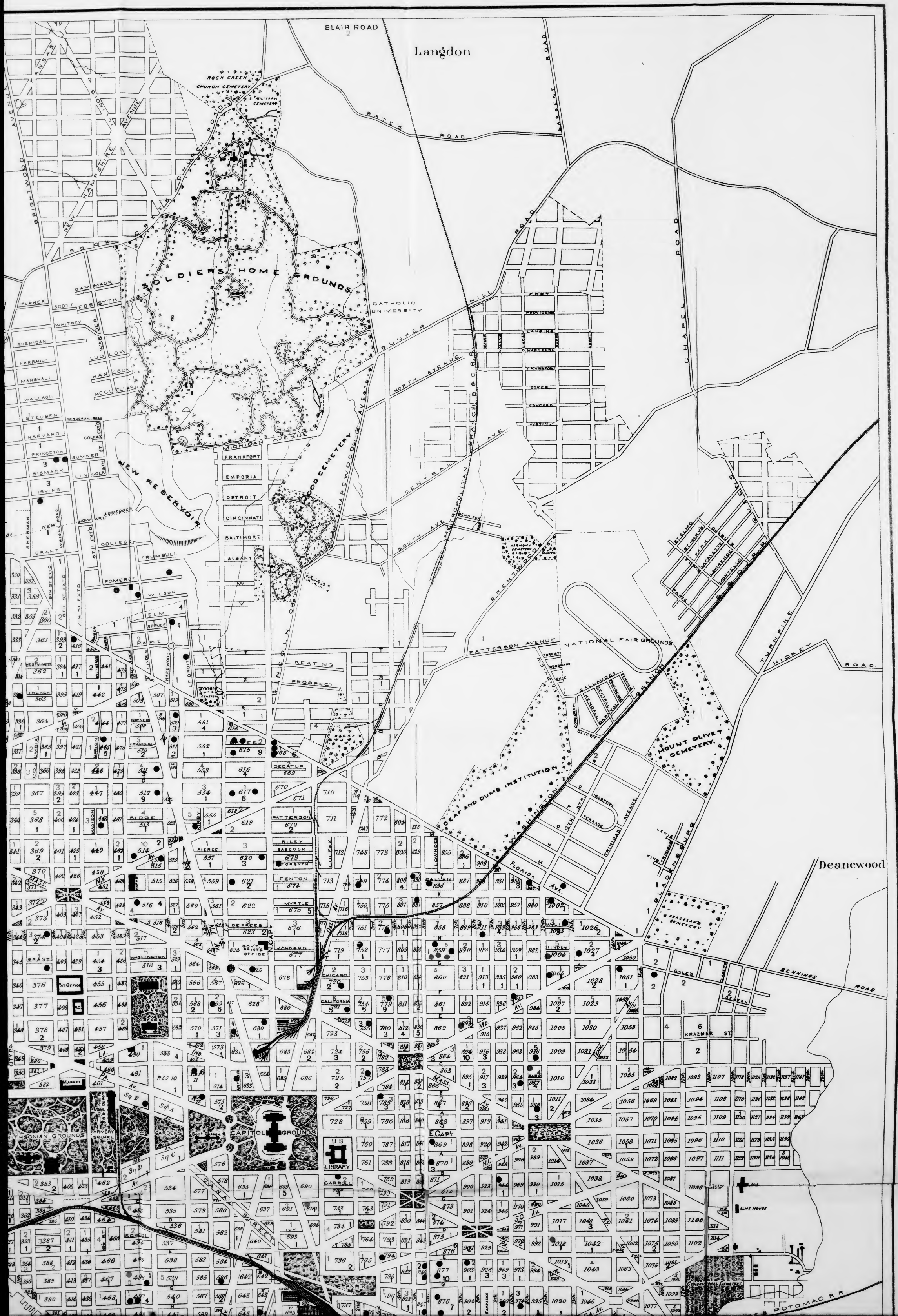
SCALE.  
FEET.



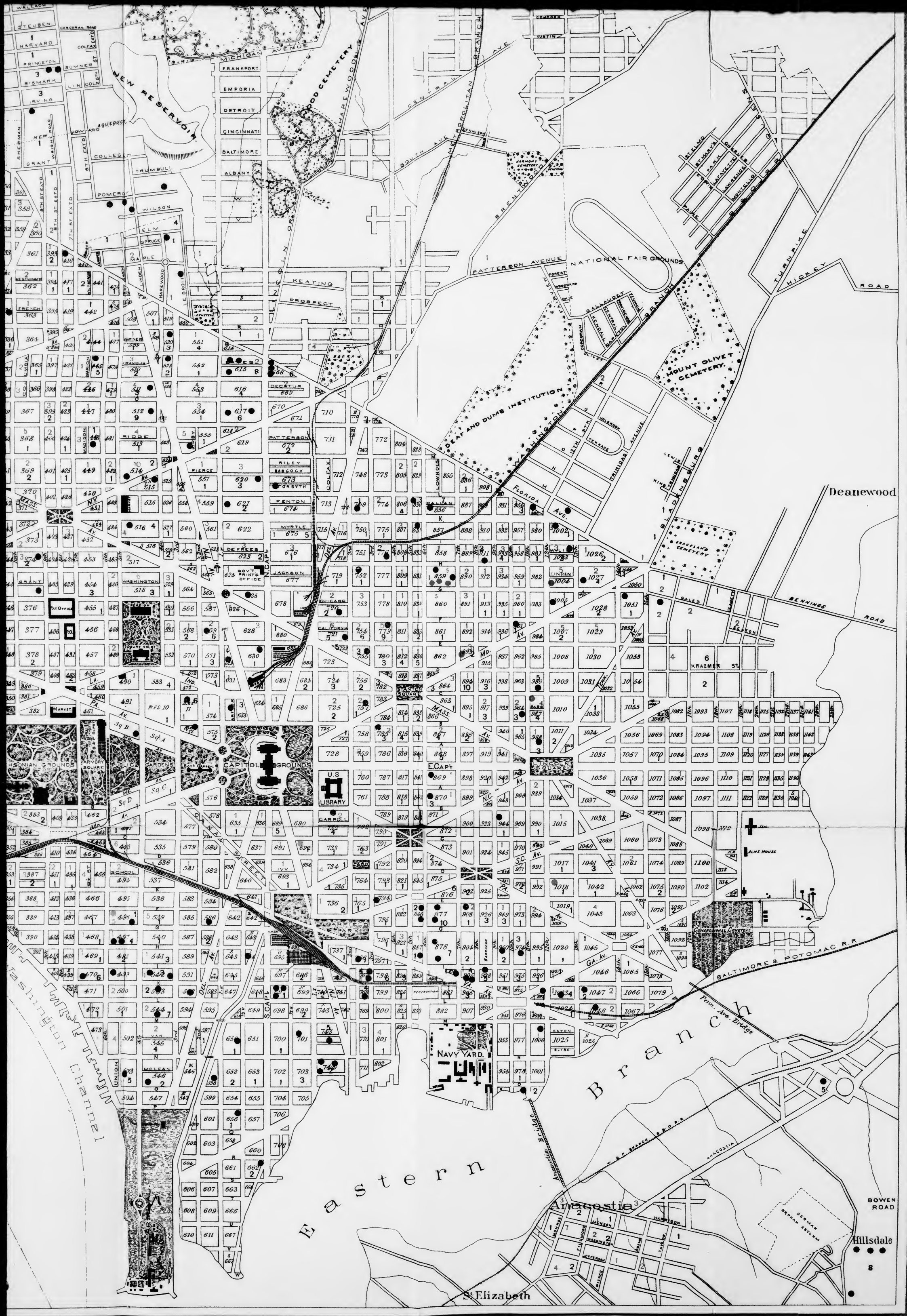
## Reno



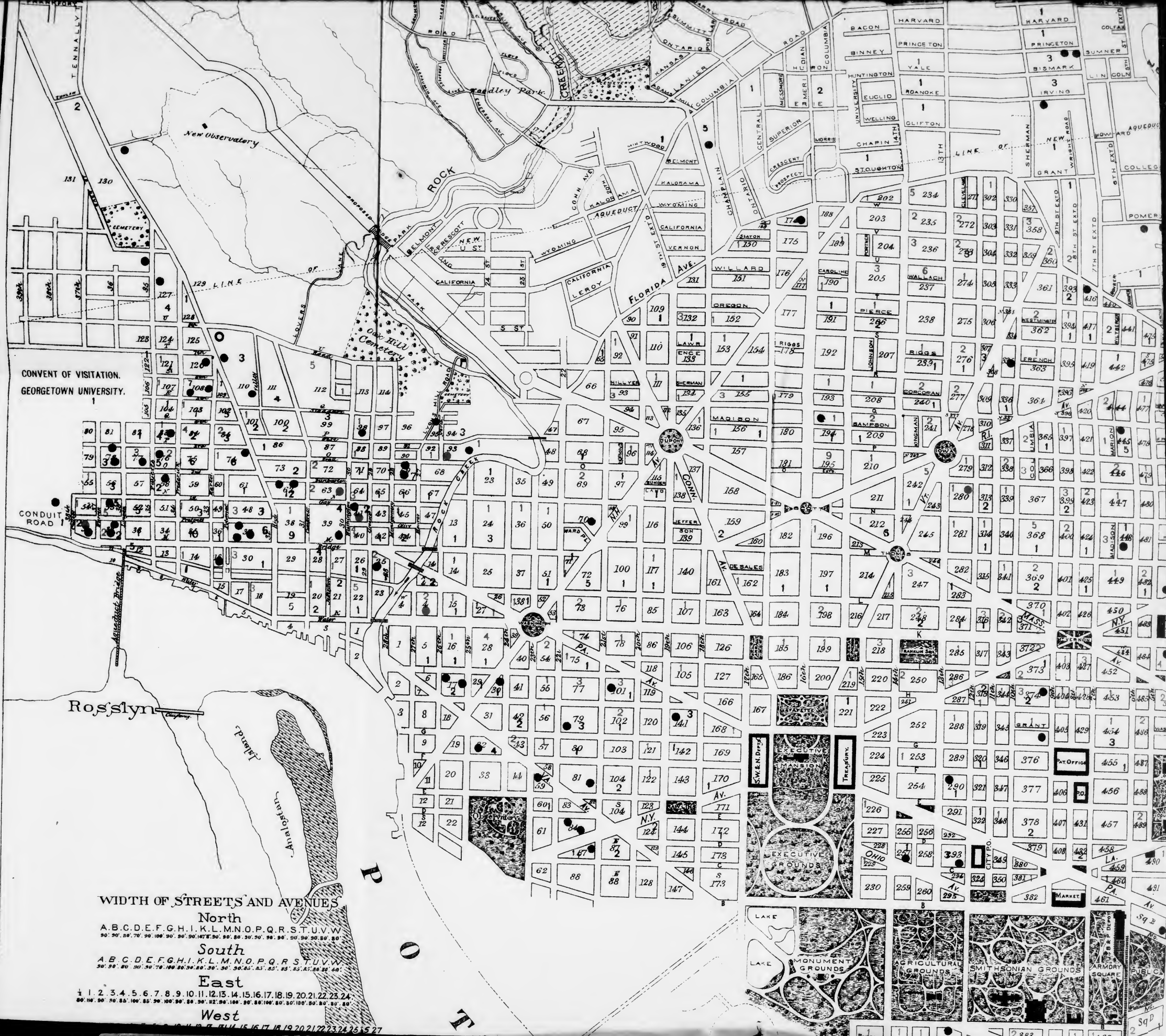












WIDTH OF STREETS AND AVENUES

North	A. B. C. D. E. F. G. H. I. K. L. M. N. O. P. Q. R. S. T. U. V. W.
South	A. B. C. D. E. F. G. H. I. K. L. M. N. O. P. Q. R. S. T. U. V. W.
East	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.
West	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.

CONNECTION	NEW JERSEY	150'
DELAWARE	NORTH CAROLINA	160'
GEORGIA	NEW HAMPSHIRE	160'
INDIANA	OHIO	160'
KENTUCKY	PENNSYLVANIA East of 15th St.	120'
LOUISIANA	PENNSYLVANIA West of 15th St.	160'
MARYLAND	RHODE ISLAND	160'
MASSACHUSETTS	SOUTH CAROLINA	160'
MISSOURI	TENNESSEE	160'
MAINE	VERMONT	160'
NEW YORK East of 15th St.	VIRGINIA Mail to Eastern Branch	130'
NEW YORK West of 17th	VIRGINIA B St. to Back Creek	160'

N<sup>o</sup>. II.  
MAP  
OF THE  
CITY OF WASHINGTON

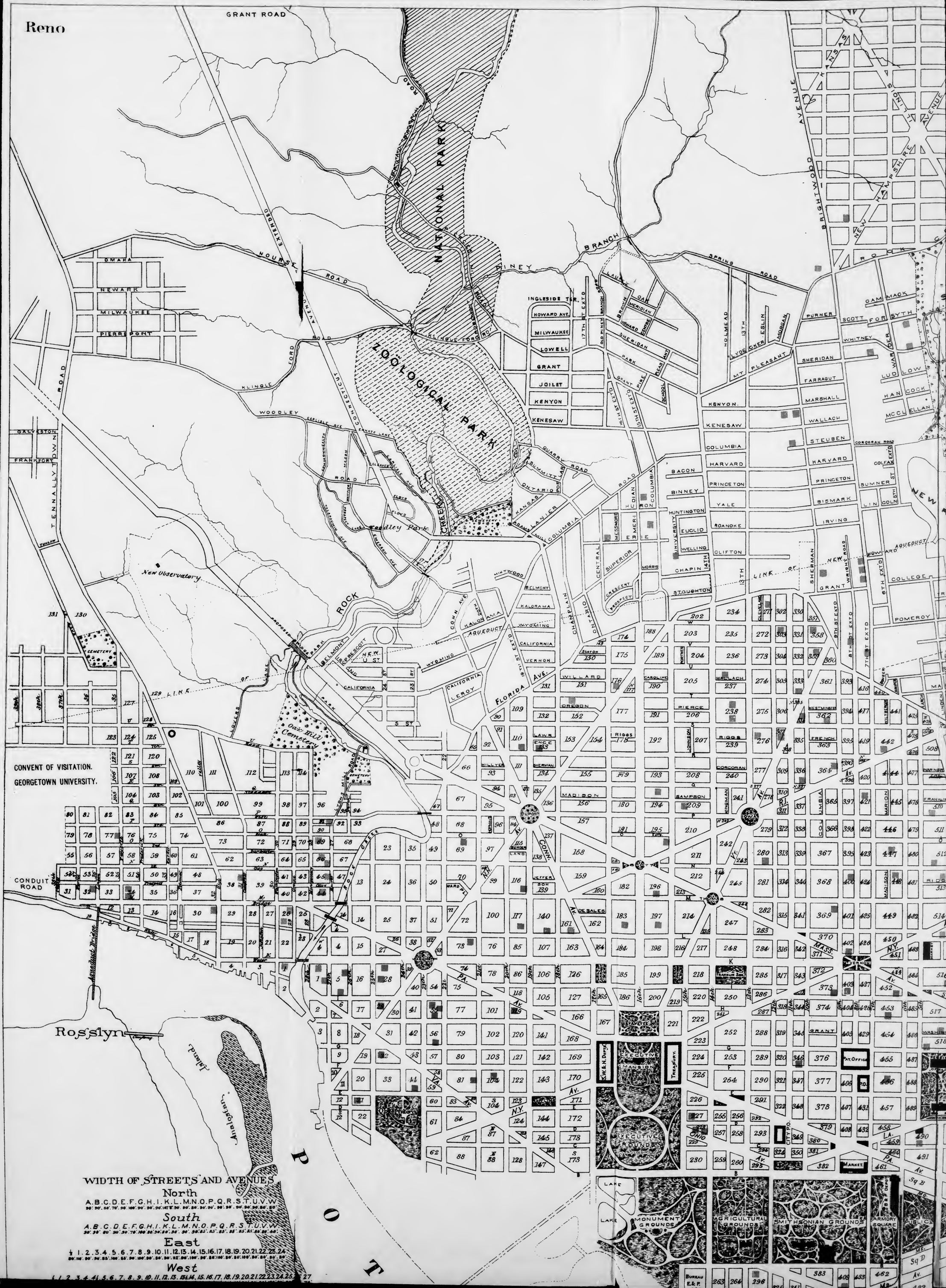
SHOWING LOCATION OF FATAL CASES OF DIPHTHERIA AND SCARLET FEVER; ALSO NUMBER OF CASES THEREOF REPORTED TO THE HEALTH DEPARTMENT DURING THE YEAR ENDING JUNE 30, 1900.

- DEATHS FROM DIPHTHERIA—Cases of diphtheria numerals in blue.
- DEATHS FROM SCARLET FEVER—Cases of scarlet fever in figures in red.

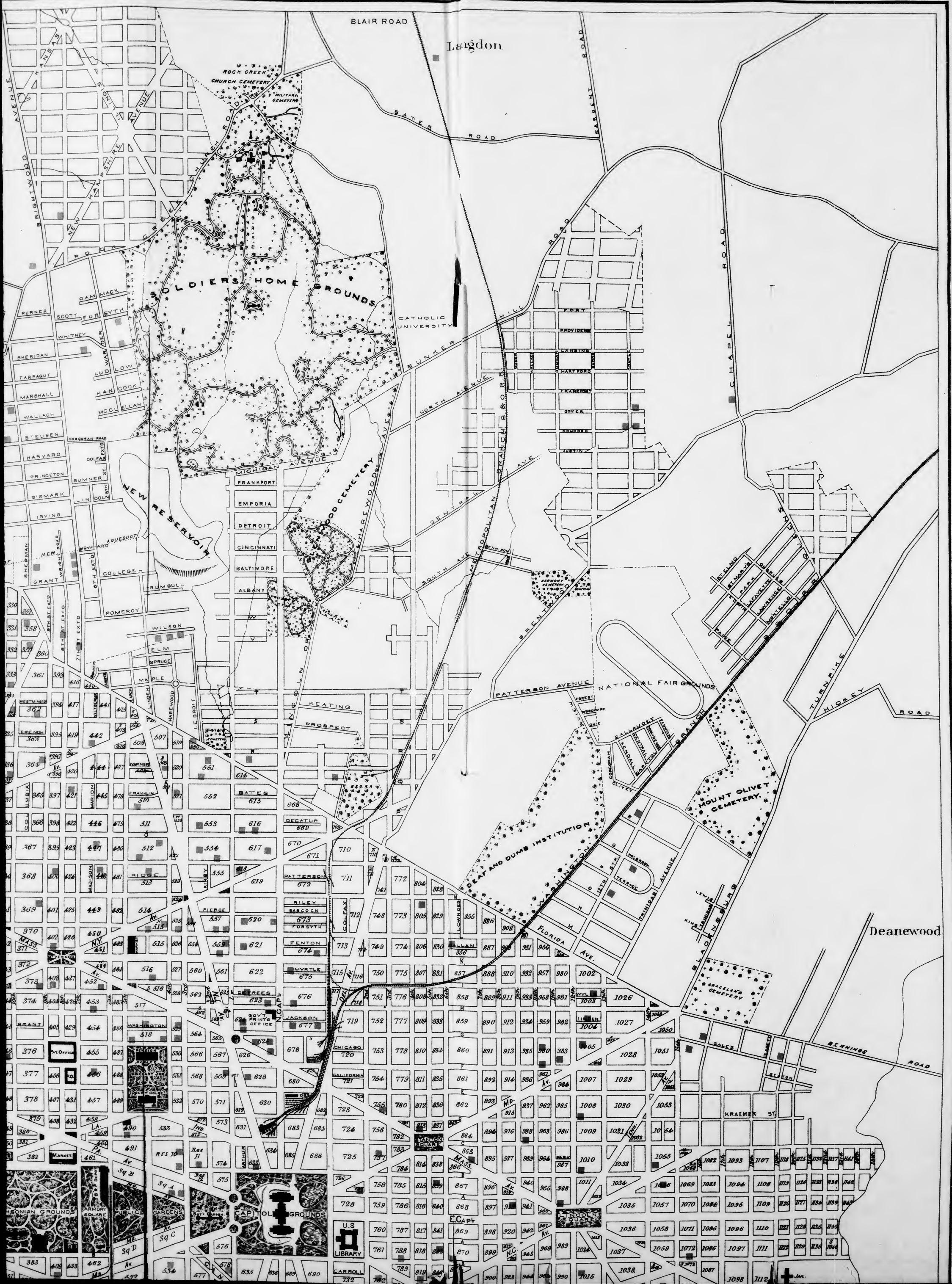


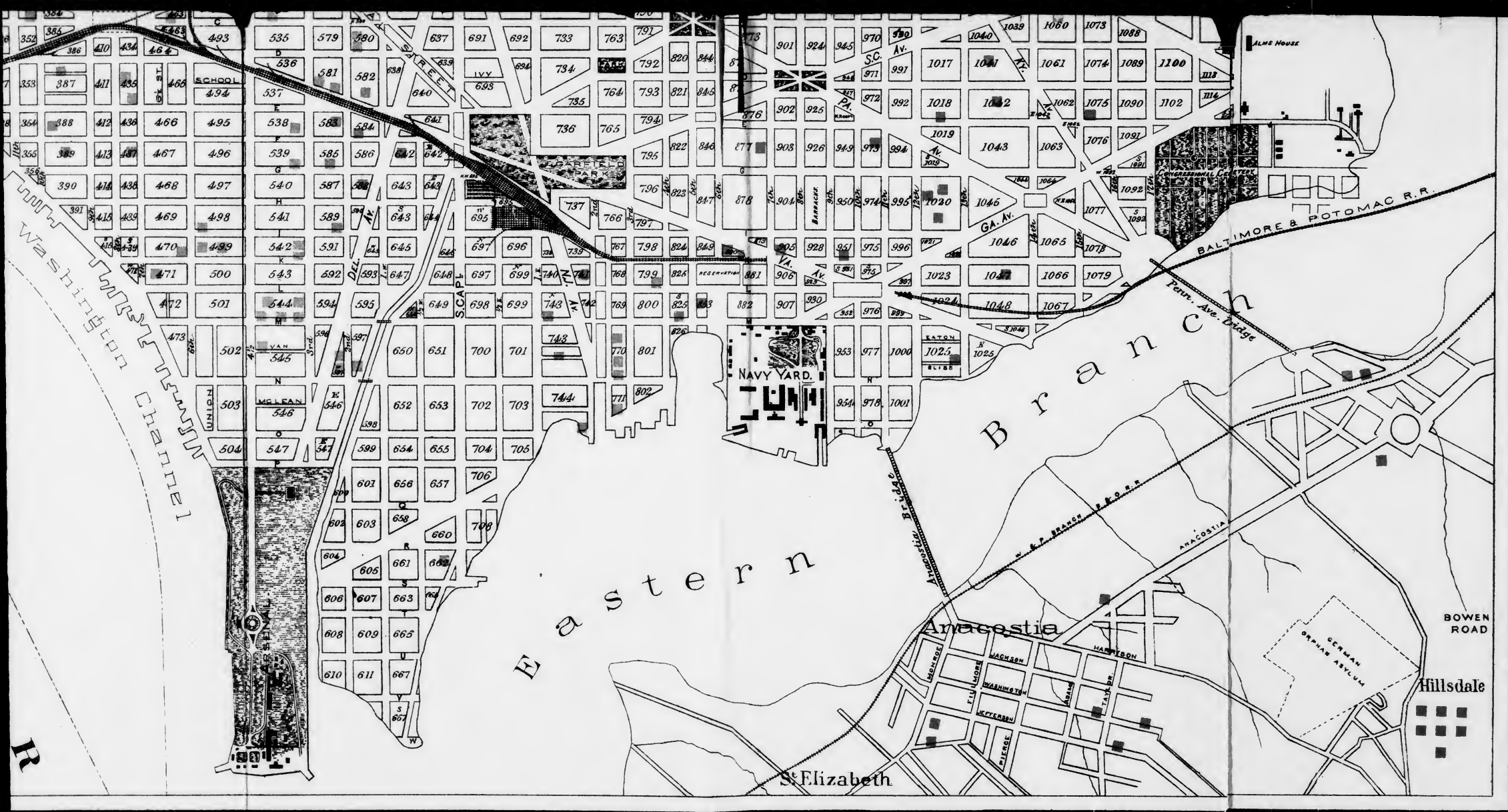


GRANT ROAD

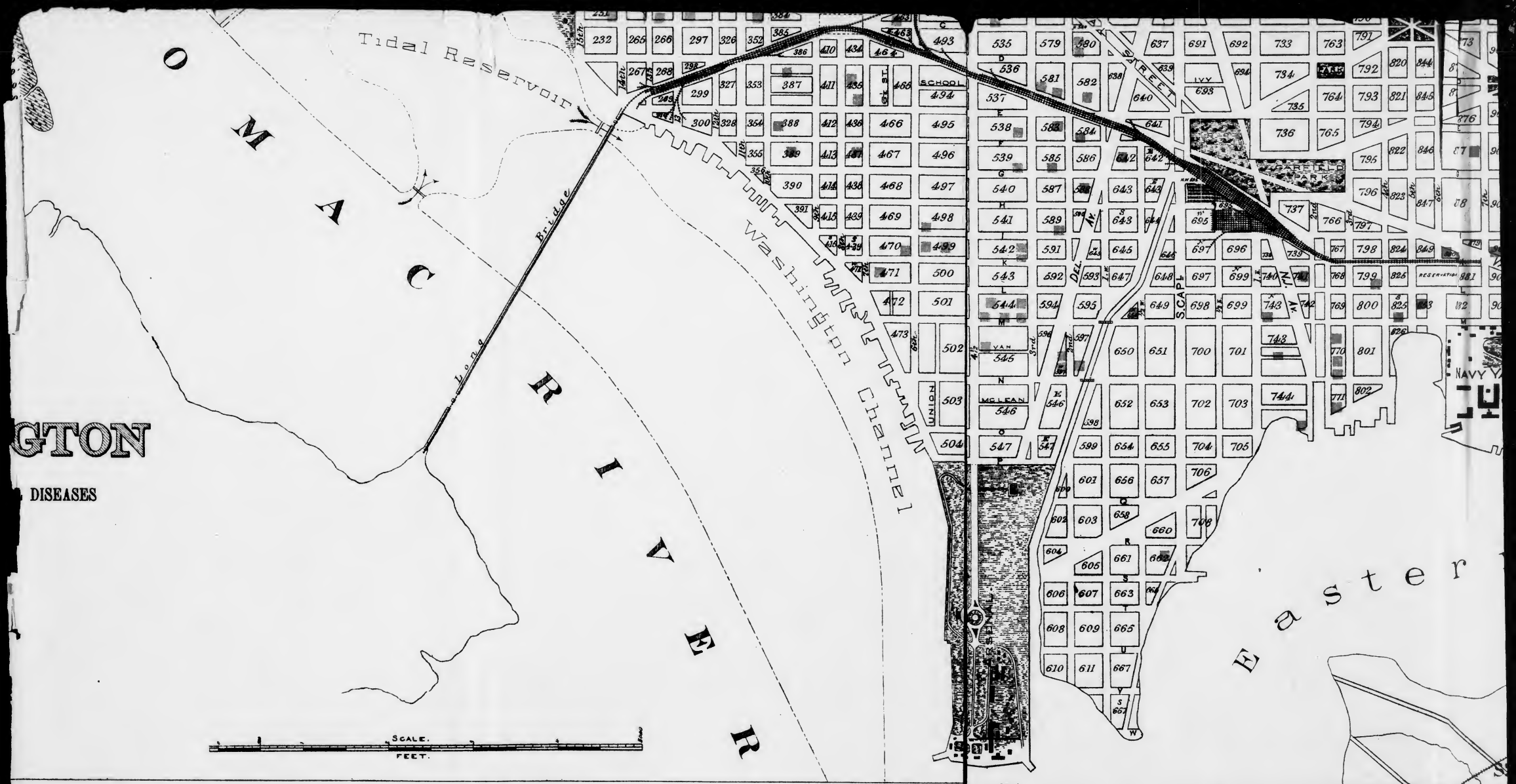












West  
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25.  
80. 110. 90. 90. 85. 100. 65. 90. 100. 90. 80. 82. 90. 100. 90. 80. 100. 80. 80. 100. 80. 80. 80. 80.

# Avenues

|                                |      |                                      |
|--------------------------------|------|--------------------------------------|
| CONNECTICUT.....               | 130' | NEW JERSEY.....                      |
| DELAWARE.....                  | 160' | NORTH CAROLINA.....                  |
| GEORGIA.....                   | 160' | NEW HAMPSHIRE.....                   |
| INDIANA.....                   | 160' | OHIO.....                            |
| KENTUCKY.....                  | 120' | PENNSYLVANIA East of 15th Str.....   |
| LOUISIANA.....                 | 160' | PENNSYLVANIA West of 17th Str.....   |
| MARYLAND.....                  | 160' | RHODE ISLAND.....                    |
| MASSACHUSETTS.....             | 160' | SOUTH CAROLINA.....                  |
| MISSOURI.....                  | 80'  | TENNESSEE.....                       |
| MAINE.....                     | 80'  | VERMONT.....                         |
| NEW YORK East of 15th Str..... | 130' | VIRGINIA Mall to Eastern Branch..... |
| NEW YORK West of 17th.....     | 160' | VIRGINIA B St to Rock Creek.....     |

## Nº III.

## MAP

OF THE

# CITY OF WASHINGTON

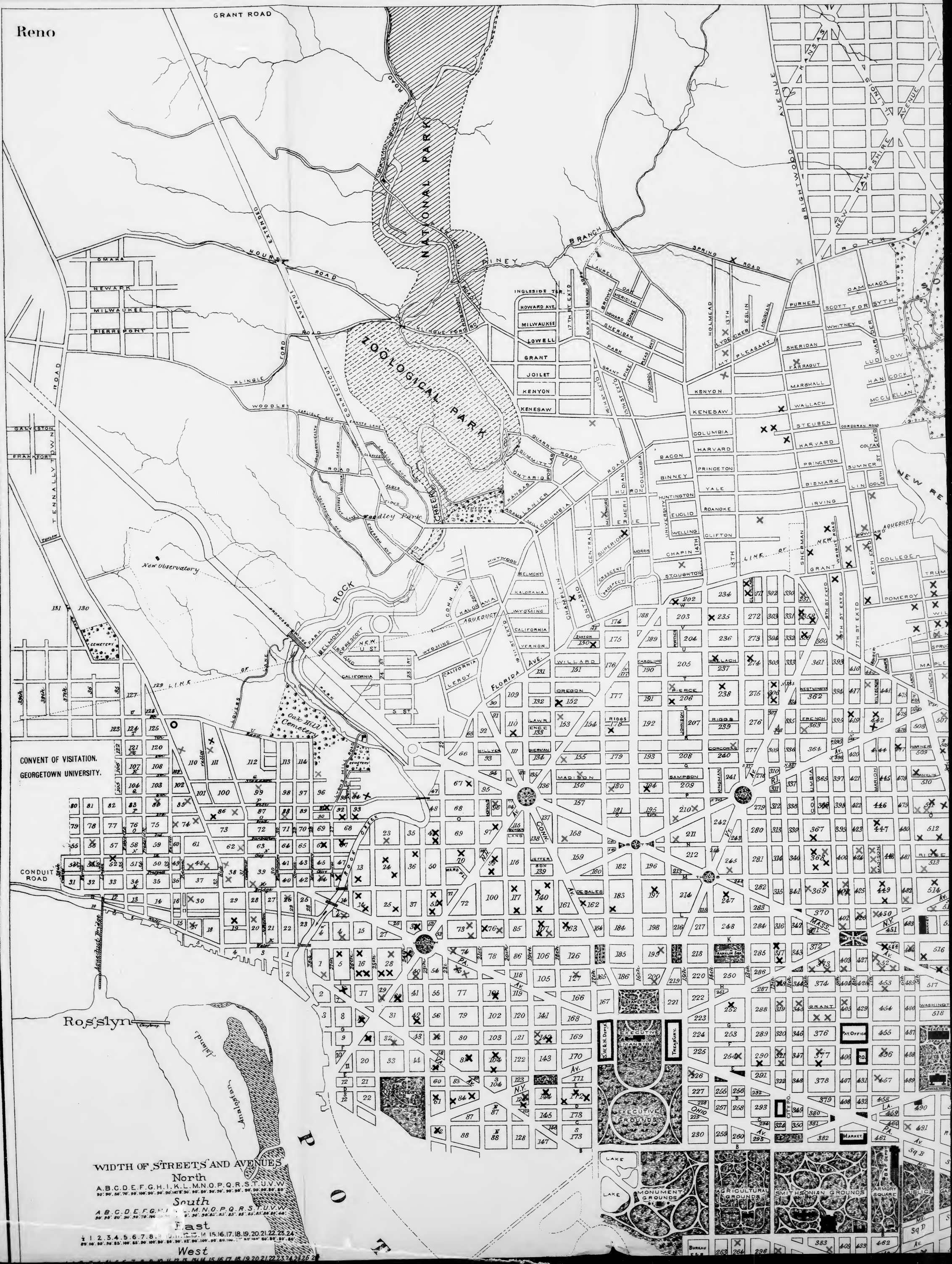
SHOWING LOCATION OF FATAL CASES OF DIARRH  
FOR THE YEAR ENDING JUNE 30, 190

EXPLANATION:

DEATHS FROM DIARRHOEAL DISEASES



Reno



WIDTH OF STREETS AND AVENUES

North

A.B.C.D.E.F.G.H.I.K.L.M.N.O.P.Q.R.S.T.U.V.W

South

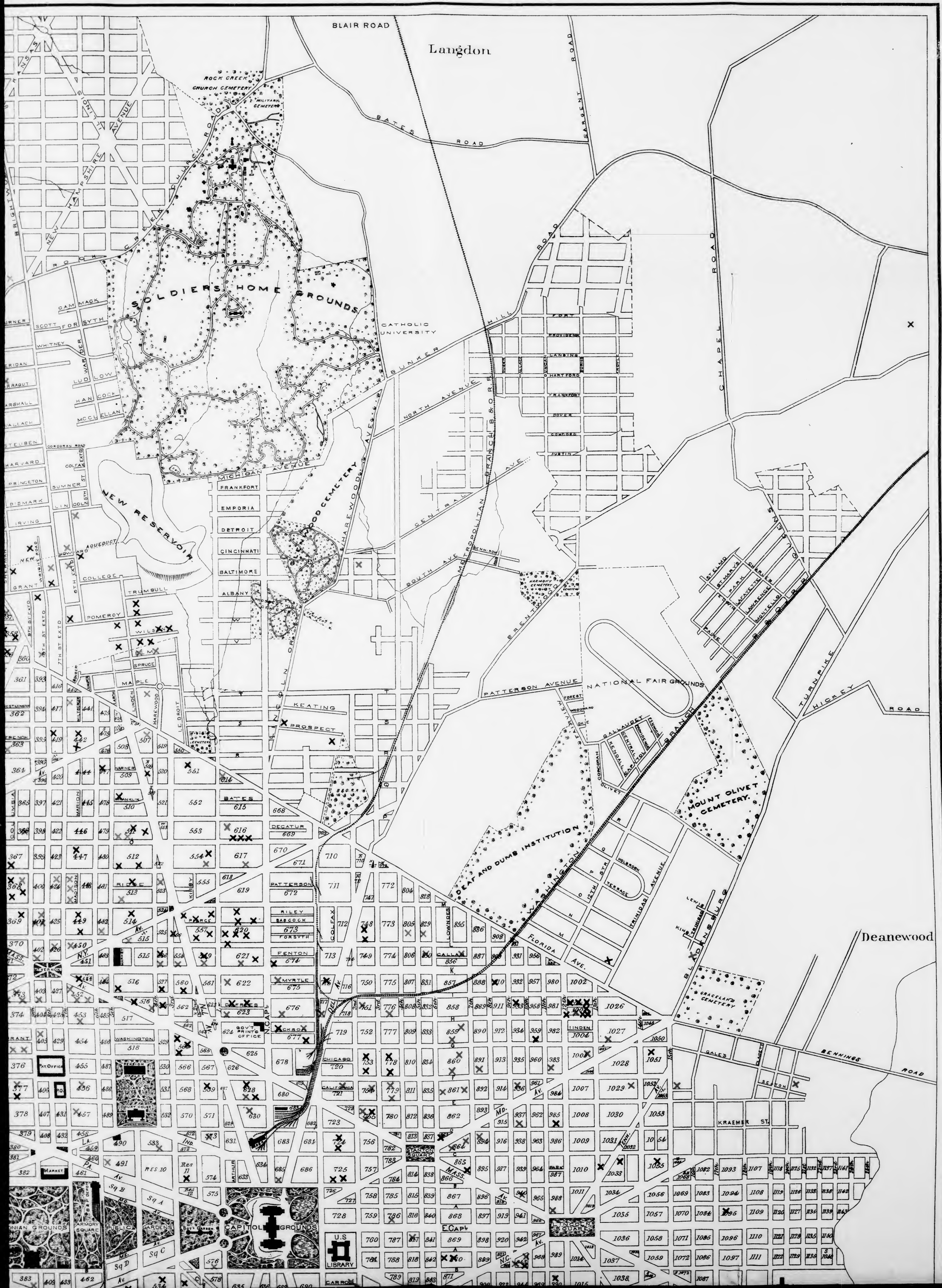
A.B.C.D.E.F.G.H.I.K.L.M.N.O.P.Q.R.S.T.U.V.W

East

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

West





Langdon

SOLDIERS HOME GROUNDS

NEW RESERVOIR

CATHOLIC UNIVERSITY

NATIONAL FAIR GROUNDS

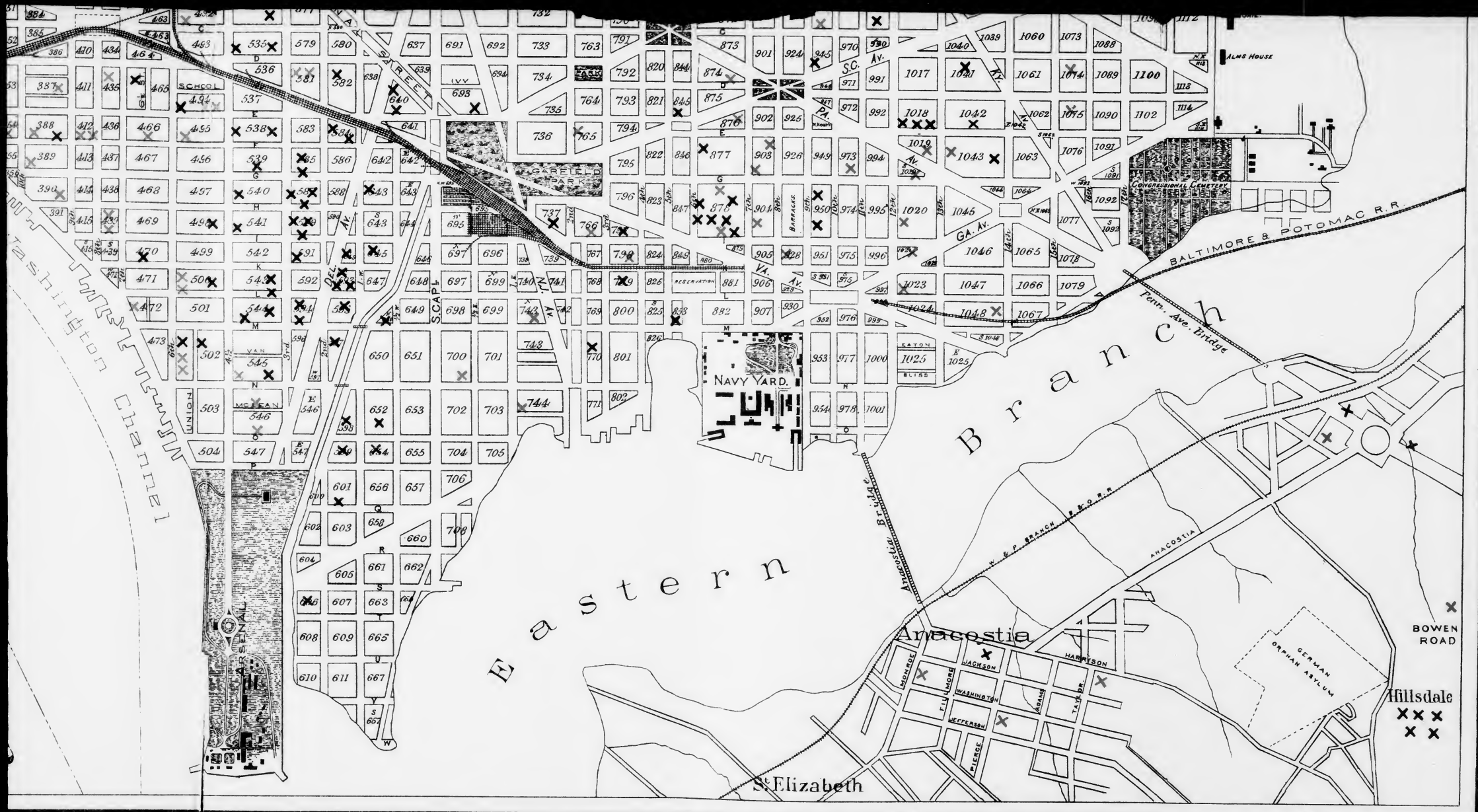
MOUNT OLIVET CEMETERY

Deanewood

U.S. LIBRARY

CAPITOL GROUNDS

ARMY GROUND





80° 30' 30" 110° 20' 40° 100° 85° 100° 85° 111.5° 85° 110° 70° 110° 110° 30° 10° 30° 30° 100° 30° 30°  
 NORTH & SOUTH CAPL 130° EAST CAPL 160° BOUNDARY 80° WATER 60° & 80°

CONNECTICUT  
 DELAWARE  
 GEORGIA  
 INDIANA  
 KENTUCKY  
 LOUISIANA  
 MARYLAND  
 MASSACHUSETTS  
 MISSOURI  
 MAINE  
 NEW YORK East of 15th St.  
 NEW YORK West of 17th

## Avenues

130° NEW JERSEY  
 160° NORTH CAROLINA  
 160° NEW HAMPSHIRE  
 160° OHIO  
 120° PENNSYLVANIA East of 15th St.  
 160° PENNSYLVANIA West of 17th St.  
 160° RHODE ISLAND  
 160° SOUTH CAROLINA  
 80° TENNESSEE  
 80° VERMONT  
 130° VIRGINIA Mail to Eastern Branch  
 160° VIRGINIA E St to Back Creek

# Nº IV.

# MAP

OF THE

# CITY OF WASHINGTON

SHOWING LOCATION OF FATAL CASES OF ACUTE LUNG DISEASES  
 FOR THE YEAR ENDING JUNE 30, 1900.

Pneumonia, Bronchitis, and other Acute Lung Diseases . . .  
 { White X  
 { Colored X

SCALE.  
 FEET.

Reno

GRANT ROAD



WIDTH OF STREETS AND AVENUES

North

A.B.C.D.E.F.G.H.I.K.L.M.N.O.P.Q.R.S.T.U.V.W

South

A.B.C.D.E.F.G.H.I.K.L.M.N.O.P.Q.R.S.T.U.V.W

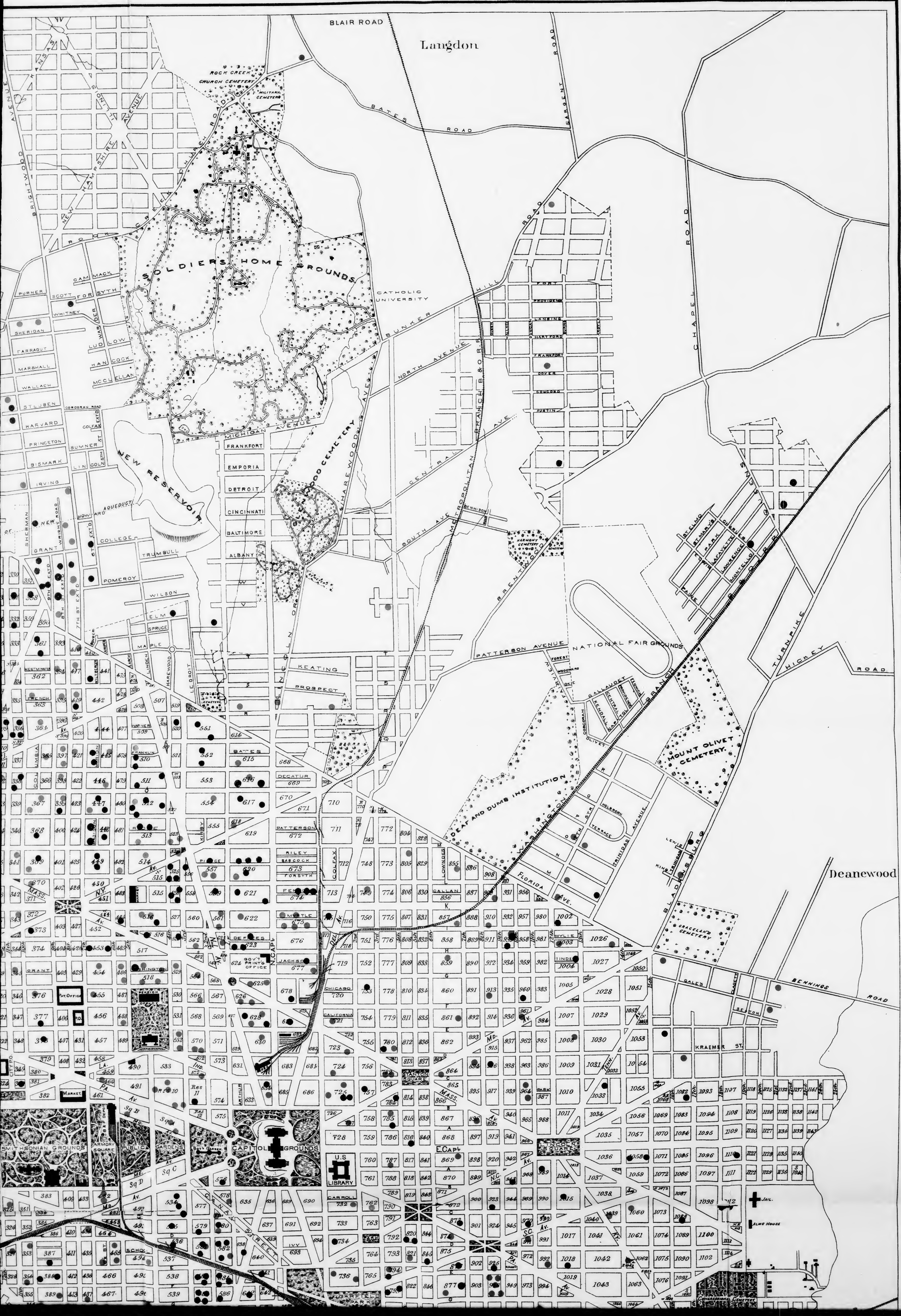
East

1.2.3.4.5.6.7.8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24

West

1.2.3.4.5.6.7.8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24





Langdon

Deanewood

SOLDIERS HOME GROUNDS

NEW RESERVOIR

CATHOLIC UNIVERSITY

DEAF AND DUMB INSTITUTION

NATIONAL FAIR GROUNDS

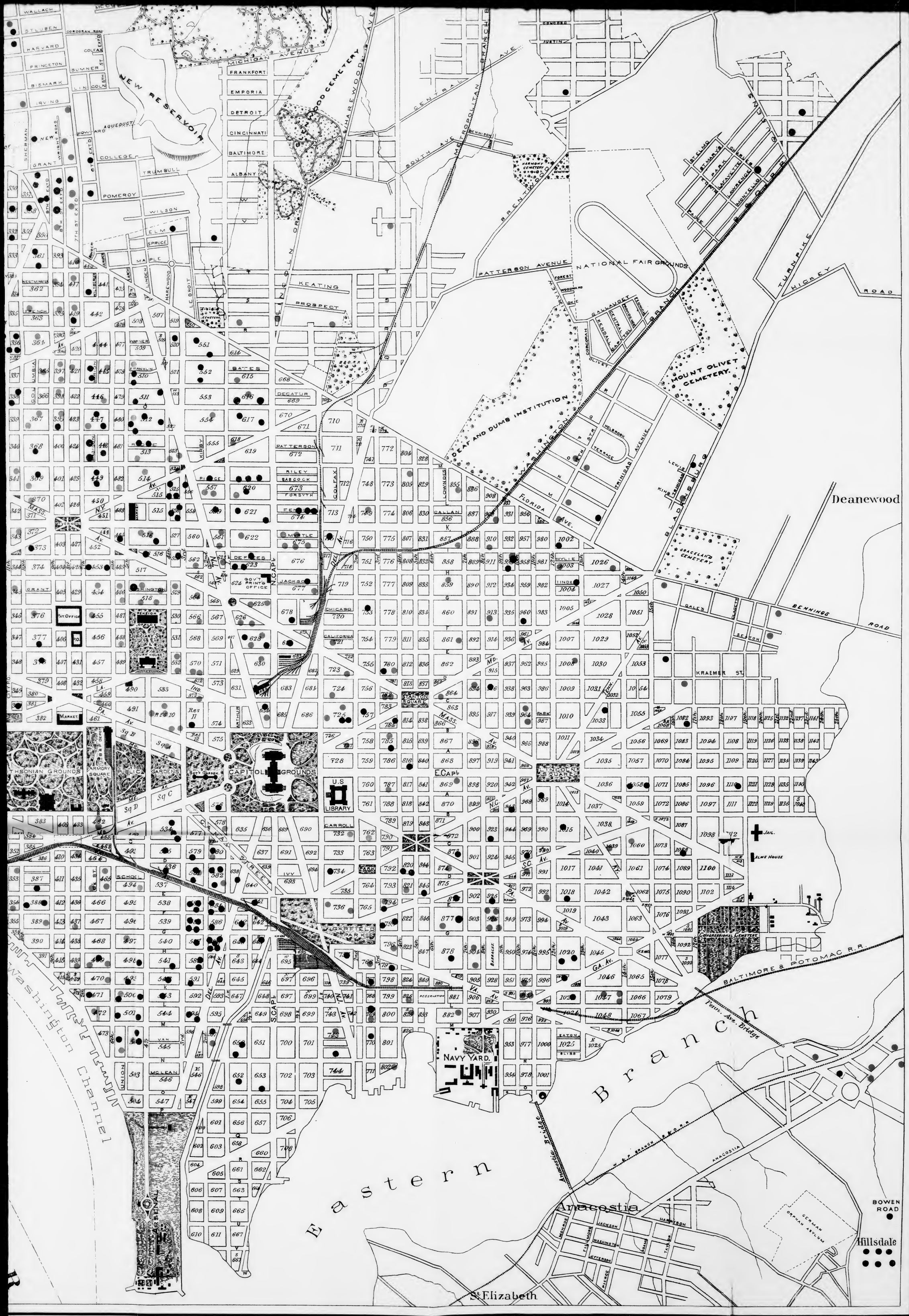
MOUNT OLIVET CEMETERY

CAPITOL GROUNDS

U.S. LIBRARY

ALMA HOUSE









WIDTH OF STREETS AND AVENUES

North  
A. B. C. D. E. F. G. H. I. K. L. M. N. O. P. Q. R. S. T. U. V. W.

South  
A. B. C. D. E. F. G. H. I. K. L. M. N. O. P. Q. R. S. T. U. V. W.

East  
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.

West  
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.







## Avenues

CONNECTICUT

DELAWARE

GEORGIA

INDIANA

KENTUCKY

LOUISIANA

MARYLAND

MASSACHUSETTS

MISSOURI

MAINE

NEW YORK East of 15th Str.

NEW YORK West of 17th

130' NEW JERSEY

160' NORTH CAROLINA

160' NEW HAMPSHIRE

160' OHIO

120' PENNSYLVANIA East of 15th Str.

160' PENNSYLVANIA West of 17th Str.

160' RHODE ISLAND

160' SOUTH CAROLINA

80' TENNESSEE

80' VERMONT

130' VIRGINIA Hall to Eastern Branch

160' VIRGINIA B St. to Rock Creek

# N<sup>o</sup>. V.

# MAP

OF THE

# CITY OF WASHI

LOCATION OF FATAL CASES OF CONSUMPTION  
YEAR ENDING JUNE 30, 1900.

EXPLANATION:

CONSUMPTION . . . { White  
Colored



# REPORT

OF THE

## COMMISSIONERS OF THE DISTRICT OF COLUMBIA

FOR THE

YEAR ENDED JUNE 30, 1900.

---

VOL. IV.  
[PUBLIC SCHOOLS.]

---

WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1901.



WASHINGTON, D. C., *April 26, 1901.*

GENTLEMEN: The Board of Education of the District of Columbia herewith transmits the statistical report of the schools under the direction of the Board of Trustees of Public Schools of the District of Columbia for the fiscal year ended June 30, 1900, and the school directory for the current school year.

The act of Congress which authorized the appointment of the present Board of Education (act making appropriations to provide for expenses of the government of the District of Columbia for the fiscal year ending June 30, 1901) requires an annual report from the board to your honorable body, but in view of the fact that the board did not organize until July 1, 1900, it was of course impossible for it to make any report for the year then ended. The statistics, however, submitted herewith will serve all practical purposes.

H. V. BOYNTON,

*President Board of Education.*

THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA.



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SCHOOL DIRECTORY

OF THE

BOARD OF EDUCATION OF THE DISTRICT OF COLUMBIA

FOR

1900—1901.

---



## SCHOOL CALENDAR.

|       |                             |   |
|-------|-----------------------------|---|
| 1900. | School opens .....          | September 17.                                   |
|       | Thanksgiving .....          | November 29 to December 2, both inclusive.      |
|       | Christmas .....             | December 22 to January 1, 1901, both inclusive. |
| 1901. | Washington's Birthday ..... | February 22.                                    |
|       | Easter .....                | April 5 to 14, both inclusive.                  |
|       | Memorial Day .....          | May 30.   |
|       | School closes .....         | June 20.  |
|       | School opens .....          | September 23.                                   |
|       | Thanksgiving .....          | November 28 to December 1, both inclusive.      |
|       | Christmas .....             | December 23 to January 1, 1902, both inclusive. |



## SCHOOL DIRECTORY, 1900-1901, OF THE BOARD OF EDUCATION OF THE DISTRICT OF COLUMBIA.

### MEMBERS.

HENRY V. BOYNTON, 1321 R street NW.  
GEORGE H. HARRIES, Fourteenth and East Capitol streets  
Mrs. H. L. WEST, 1364 Harvard street NW.  
Mrs. J. R. FRANCIS, 2112 Pennsylvania avenue NW.  
J. HOLDSWORTH GORDON, 330 Four-and-a-half street NW.  
RICHARD KINGSMAN, 711 East Capitol street.  
JAMES F. BUNDY, 420 Fifth street NW.

### OFFICERS OF THE BOARD.

*President*, HENRY V. BOYNTON, 1321 R street NW.  
*Vice-president*, GEORGE H. HARRIES, Fourteenth and East Capitol street  
*Secretary*, H. H. TWOMBLY, Franklin School.

### CLERKS.

W. W. CONNER, 1119 Fifth street NE.  
J. W. F. SMITH, 816 Fourth street NW.  
J. W. DE MAISE, 1001 New Hampshire avenue NW.

### MESSENGER.

R. O. WILMARTH, 227 Fourth street NW.

### MEETINGS OF THE BOARD.

The stated meetings of the Board of Education are held on Wednesday of each week.

### LIST OF COMMITTEES OF THE BOARD OF EDUCATION.

[1900-1901.]

*On rules and by-laws.*—Bundy, Gordon, Mrs. West.  
*Wags, means, and supplies.*—Boynton, Harries, Bundy.  
*Buildings, repairs, and sanitation.*—Kingsman, Gordon, Mrs. Francis.  
*Normal and high schools and scholarships.*—Harries, Gordon, Mrs. Francis.  
*Teachers and pupils.*—Mrs. West, Kingsman, Bundy.  
*Text-books.*—Gordon, Kingsman, Mrs. Francis.  
*Industrial education and special instruction.*—Mrs. Francis, Harries, Mrs. West.

### OFFICE OF SUPERINTENDENT,

*Franklin School.*

A. T. STUART, Superintendent of Schools.

Mrs. IDA GILBERT MYERS, Assistant Superintendent.

W. S. MONTGOMERY, Assistant Superintendent.

## DIRECTORS OF SPECIAL WORK.

|                                   |                                  |                         |
|-----------------------------------|----------------------------------|-------------------------|
| Director of primary work.....     | E. A. Denney (Miss).....         | The Lincoln.            |
| Director of music.....            | A. E. Bentley (Miss).....        | 1748 Corporan street NW |
| Director of drawing.....          | S. E. W. Fuller (Mrs).....       | 2611 Messmore avenue    |
| Director of manual training.....  | J. A. Chamberlain.....           | 626 O street NW         |
| Director of cooking.....          | E. S. Jacobs (Miss).....         | 1543 9th street NW      |
| Director of sewing.....           | M. W. Cate (Mrs).....            | 217 I street NW         |
| Director of physical culture..... | Rebecca Stoneroid (Miss).....    | 1329 Wallach place NW   |
| Director of kindergartens.....    | Catherine R. Watkins (Miss)..... | 1246 10th street NW     |
| Librarian.....                    | Mina Goetz (Miss).....           | 1408 31st street NW     |

## ASSISTANT DIRECTORS OF SPECIAL WORK.

|   |                              |                                   |
|---|------------------------------|-----------------------------------|
| Assistant director of primary work.....     | E. F. G. Merritt (Miss)..... | 1709 I street NW                  |
| Assistant director of music.....            | H. A. Gibbs (Miss).....      | 14 N street NW                    |
| Assistant director of drawing.....          | T. W. Hamster.....           | 1476 Koonsaw avenue               |
| Assistant director of manual training.....  | J. H. Hill.....              | 227 Wilson street NW              |
| Assistant director of cooking.....          | M. B. Cook (Miss).....       | 214 Prince street Alexandria, Va. |
| Assistant director of sewing.....           | C. E. Syphax (Miss).....     | 1417 Pierce place NW              |
| Assistant director of physical culture..... | H. B. George (Miss).....     | 649 B street NE.                  |

## NORMAL SCHOOLS.

| Name.                | Location.                                   | Name and residence of principal.        |
|----------------------|---|---|
| Normal School No. 1. | Franklin school, 13th and K streets NW.     | Miss Annie M. Goeling, 1526 R street NW |
| Normal school 2.     | Mittler school, 17th and Madison streets NW | Miss L. E. Moten, 738 4th street NW     |

## HIGH SCHOOLS.

Director, DR. F. R. LANE.

Office, Central High School; residence, 1487 Q street NW.

|                       |   |  |
|-----------------------|---|--|
| Central High.....     | O street, between 6th and 7th streets NW.               | Mr. P. M. Hughes, 318 B street NW            |
| Eastern High.....     | 7th street between Pennsylvania avenue and C street SE. | Mr. M. F. F. Swartzell, 1912 5th street NW   |
| Western High.....     | 24th and T streets NW.                                  | Miss E. C. Westcott, 1748 Corporan street NW |
| Business High.....    | 1st street, between B and C streets NW.                 | Mr. Allan Davis, 900 11th street SE          |
| M Street High School. | M street, between 1st street and New Jersey avenue NW.  | Mr. R. H. Terrell, 326 T street NW           |

## FIRST DIVISION.

Supervising principal, Mr. C. S. OLIVER.

Office, Dennison School; residence, "The Manhattan," 1401 Park street, Mount Pleasant

|               |  |  |
|---------------|--|--|
| Adams.....    | R street, between 17th street and New Hampshire avenue NW. | Mr. C. B. Smith, 1522 9th street NW            |
| Berret.....   | 14th and Q streets NW                                      | Miss M. C. McGill, 1345 Corporan street NW     |
| Dennison..... | S street, between 13th and 14th streets NW.                | Miss K. E. Rawlings, 3519 E-1st street NW      |
| Force.....    | Massachusetts avenue, between 17th and 18th streets NW.    | Mr. S. E. Kramer, 625 Massachusetts avenue NE. |
| Franklin..... | 13th and K streets NW                                      | Mr. B. W. Murch, 1703 15th street NW           |
| Harrison..... | 13th street, between V and W streets NW.                   | Miss A. L. Sargent, 2548 University place NW.  |
| Phelps.....   | Vermont avenue, between T and U streets NW.                | Miss C. L. Garrison, 1125 Welling place NW.    |
| Thomson.....  | 12th street, between K and L streets NW.                   | (See Franklin School.)                         |

## SECOND DIVISION.

Supervising principal, Mr. N. P. GAGE.

Office, Seaton School; residence, 1126 Fifth street NW.

| Name.           | Location.                                | Name and residence of principal.               |
|-----------------|--|--|
| Abbot .....     | 6th street and New York avenue NW.       | Miss Metella King, 721 Irving street NW.       |
| Eckington ..... | 1st and Quincy streets NE .....          | Miss A. A. Chesney, 614 Q street NW.           |
| Henry .....     | P street, between 6th and 7th streets NW | Miss E. K. Scott, 905 K street NW.             |
| Morse .....     | R and 5th streets NW .....               | Miss E. M. Mott, 1122 5th street NW.           |
| Polk .....      | 7th and P streets NW .....               | Miss F. M. Rouch, 200 New York avenue NW.      |
| Seaton .....    | I street, between 2d and 3d streets NW.  | Miss F. L. Hendley, 1216 L street NW.          |
| Twining .....   | 3d street, between N and O streets NW.   | Miss Adelaide Davis, 425 New Jersey avenue SE. |
| Webster .....   | 10th and H streets NW .....              | Miss S. B. Kent, 936 K street NW.              |

## THIRD DIVISION.

Supervising principal, Mr. J. T. FREEMAN.

Office, Wallach School, residence, Kensington, Md.

|                 |   |  |
|-----------------|---|--|
| Leah .....      | 3d and D streets SE .....                   | Miss A. L. Grant, 507 East Capitol street.             |
| Carbery .....   | 5th street, between D and E streets NE      | Miss M. E. Little, 710 A street NE.                    |
| Hilton .....    | 6th street, between B and C streets NE      | Miss J. M. Rawlings, 517 A street SE.                  |
| Lenox .....     | 5th street and Virginia avenue SE ..        | Miss V. L. Nourse, 415 C street SE.                    |
| McGinnick ..... | 3d street, between M and N streets SE.      | Miss Antoinette Clements, 420 10th street SE.          |
| Maury .....     | B street, between 12th and 13th streets NE. | Miss M. G. Kelly, The Colonial, 15th and H streets NW. |
| Peabody .....   | C and 5th streets NE .....                  | Miss M. A. Ankward, 128 D street SE.                   |
| Towers .....    | 5th and C streets SE .....                  | Miss N. M. Mack, 621 A street SE.                      |
| Wallach .....   | D street, between 7th and 8th streets SE.   | Miss Annie Beers, 117 1th street SE.                   |

## FOURTH DIVISION.

Supervising principal, Dr. E. G. KIMBALL.

Office, Johnson School; residence, 1201 Massachusetts avenue NW.

|                 |   |  |
|-----------------|---|--|
| Arndon .....    | F and 6th streets SW .....                            | Miss M. L. Smith, 903 French street NW.  |
| Bradley .....   | 13d street, between C and D streets SW.               | Mrs. M. E. Martin, 708 B street SW.      |
| Greenleaf ..... | 14 street, between M and N streets SW.                | Miss A. B. Semmeyer, 417 10th street SW. |
| Johnson .....   | D and 6th streets SW .....                            | Mrs. Isaac Fairbrother, 924 B street SW. |
| Colome .....    | 12th street, between Maryland avenue and E street SW. | Miss M. E. Garrett, 718 B street SW.     |
| Smallwood ..... | I street, between 3d and 4d streets SW.               | Mr. C. A. Johnson, 2011 S street NW.     |

## FIFTH DIVISION.

Supervising principal, Mr. B. T. JANNEY.

Office, Curtis School; residence, 1671 Thirty-first street NW.

|                   |  |   |
|-------------------|--|---|
| Abdison .....     | P street, between 32d and 33d streets NW.          | Miss E. L. Goley, 1511 32d street NW.         |
| Corcoran .....    | 28th street, between M street and Olive avenue NW. | Miss M. F. Gore, 2104 H street NW.            |
| Curtis .....      | O street, between 32d and 33d streets NW.          | Miss E. M. Chase, 1363 Yale street NW.        |
| Fillmore .....    | 35th street, between U and V streets NW.           | Miss T. C. Roeser, 1927 15th street NW.       |
| Grant .....       | G street, between 21st and 22d streets NW.         | Mr. S. M. Ryder, 31 Q street NE.              |
| High Street ..... | 32d and S streets NW .....                         | Miss S. E. Thomas, 3114 O street NW.          |
| Jackson .....     | I street, between 30th and 31st streets NW.        | Mrs. L. A. Bradley, 936 I street NW.          |
| Threlkeld .....   | 36th street and Prospect avenue NW.                | Mr. R. L. Haycock, 3213 Prospect avenue NW.   |
| Toner .....       | 24th and F streets NW .....                        | Miss Euphemia Macfarlane, 920 16th street NW. |
| Weightman .....   | 23d and M streets NW .....                         | Miss F. L. Reeves, The Lafayette.             |



## PUBLIC SCHOOLS OF THE DISTRICT OF COLUMBIA.

## SIXTH DIVISION.

Supervising principal, Mr. W. B. PATTERSON.

Office, Gales School; residence, The Princeton.

| Name.          | Location.   | Name and residence of principal.                 |
|----------------|---|--|
| Arthur .....   | Arthur Place NW .....                             | Miss H. P. Johnson, The Lafayette.               |
| Blair .....    | 1 street, between 6th and 7th streets NE.         | Miss E. F. Goodwin, 1437 Rhode Island avenue NW. |
| Blake .....    | North Capitol street, between K and L streets NW. | Miss M. E. Bold, 818 New Jersey avenue NW.       |
| Gales .....    | 1st and G streets NW .....                        | Miss K. T. Brown, 635 1 street NW.               |
| Hamilton ..... | Bladensburg road, county .....                    | Miss E. P. Kirk, 819 R street NW.                |
| Hayes .....    | 5th and K streets NE .....                        | Miss A. M. Clayton, 1418 9th street NW.          |
| Langdon .....  | Langdon .....                                     | Miss A. M. Sisson, The Henrietta.                |
| Madison .....  | 10th and G streets NE .....                       | Miss Emma Mueden, 437 M street NW.               |
| Pierce .....   | G and 14th streets NE .....                       | Miss M. J. Austin, 728 F street NE.              |
| Taylor .....   | 7th street, near G street NE .....                | Miss E. C. Dyer, 1702 9th street NW.             |

## SEVENTH DIVISION.

(County.)

Supervising principal, Mr. J. R. KEENE.

Office, Monroe School; residence, Brightwood, D. C.

|                         |   |   |
|-------------------------|---|---|
| <i>White.</i>           |   |   |
| Brightwood .....        | Brightwood .....  | Mr. W. E. Nalley, Brightwood.                     |
| Brookland .....         | Brookland .....   | Mr. C. K. Finckel, 615 spruce street NW.          |
| Chevy Chase .....       | Connecticut avenue extended .....                           | Miss M. Ellen Given, 1429 Q street NW.            |
| Conduit Road .....      | Conduit road .....  | Miss H. L. Luckel, 1755 1 street NW.              |
| Hubbard .....           | Marshall street, between 11th and 12th streets NW.          | Mr. Horton Simpson, 453 M street NW.              |
| Johnson .....           | School street, Mount Pleasant .....                         | Miss C. G. Brewer, The Stratford, Mount Pleasant. |
| Monroe .....            | Steuben street, between Brightwood and Sherman avenues NW.  | Mr. C. N. Thompson, 1104 12th street NW.          |
| Reservoir .....         | Conduit road, near reservoir .....                          | Mr. H. W. Draper, 1829 Corcoran street NW.        |
| Tenley .....            | Tenley .....  | Mr. W. B. Ireland, Wisconsin avenue Tenley.       |
| Woodburn .....          | Riggs and Blair roads .....                                 | Miss H. E. King, 5th and Morrison streets NW.     |
| <i>Colored.</i>         |   |   |
| Brightwood .....        | Military road .....   | Mr. A. O. Stafford, 2000 14th street NW.          |
| Bruce .....             | Marshall street, between Brightwood and Sherman avenues NW. | Mr. E. R. Beckley, 2516 Brightwood avenue NW.     |
| Bunker Hill Road .....  | Bunker Hill Road .....                                      | Mr. D. I. Renfro, 1826 5th street NW.             |
| Fort Sloeum .....       | Fort Sloeum .....   | Mr. R. L. Mitchell, 239 Elm street NW.            |
| Grant Road .....        | Grant road, near Connecticut avenue extended.               | Mrs. L. I. Hawkesworth, 319 spruce street NW.     |
| Ivy City .....          | Ivy City .....  | Miss L. E. Waring, 518 T street NW.               |
| Little Falls Road ..... | Little Falls road .....                                     | Mr. H. W. Freeman, jr., 1222 16th street NW.      |
| Mott .....              | 6th and Trumbull streets NW .....                           | Mr. W. B. Evans, 1926 12th street NW.             |
| Orphans Home .....      | Eighth street extended .....                                | Miss S. A. Plummer, Hyattsville, Md.              |
| Wilson .....            | Central avenue, between Eric and Superior streets NW.       | Mr. F. L. Cardozo, jr., 1311 V street NW.         |

## EIGHTH DIVISION.

(City and county.)

Supervising principal, Mr. H. M. JOHNSON.

Office, Tyler School; residence, Anacostia, D. C.

|                        |   |   |
|------------------------|---|---|
| <i>White.</i>          |   |   |
| Buchanan .....         | E street, between 13th and 14th streets SE. | Miss M. M. Dyer, 1702 9th street NW.    |
| Cranch .....           | 12th and G streets SE .....                 | Miss M. J. Penbody, 725 13th street SE. |
| Tyler .....            | 11th street, between G and I streets SE.    | Miss S. A. Langley, 311 6th street SE.  |
| Benning .....          | Benning .....                               | Mr. J. H. Voorhees, Kenilworth, D. C.   |
| Congress Heights ..... | Congress Heights .....                      | Mr. H. F. Lowe, 1117 1 street NW.       |
| Good Hope .....        | Good Hope .....                             | Miss C. I. Mathis, 711 4th street SE.   |
| Van Buren .....        | Jefferson street, Anacostia .....           | Mr. S. M. Ely, 50 S street NW.          |
| Van Buren annex .....  | Washington street, Anacostia .....          | Miss M. C. Thompson, 711 7th street SE. |
| Twining City .....     | Twining City .....                          |   |

## EIGHTH DIVISION—Continued.

| Name.             | Location.                    | Name and residence of principal.        |
|-------------------|------------------------------|---|
| <i>Colored.</i>   |                              |   |
| Benning Road..... | Near Benning.....            | Mr. J. E. Syphax, 1631 L street NW.     |
| Bruey.....        | Howard avenue, Hilldale..... | Miss F. J. Smith, 1524 Pierce place NW. |
| Hilldale.....     |                              | Mr. H. W. Lewis, 724 3d street SW.      |
| Burrville.....    | Burrville.....               | Mr. F. J. Cardozo, 318 3d street SW.    |
| Garfield.....     | Garfield.....                |   |

## NINTH DIVISION.

Supervising principal, Mr. E. W. BROWN.

Office, summer school; residence, 924 Twenty-fourth street NW.

|               |   |   |
|---------------|---|---|
| Briggs.....   | E and 23d streets NW.....                             | Mr. F. L. Cardozo, 1333 V street NW.        |
| Garrison..... | 12th street, between R and S streets NW.....          | Miss K. U. Alexander, 1512 Pierce place NW. |
| Magruder..... | M street, between 16th and 17th streets NW.....       | Miss A. M. Mason, 2218 I street NW.         |
| Phillips..... | N street, between 27th and 28th streets NW.....       | Miss G. F. Smith, 1643 Madison street NW.   |
| Stevens.....  | 21st street, between K and L streets NW.....          | Mr. J. C. Nalle, 1429 Pierce place NW.      |
| Summer.....   | M and 17th streets NW.....                            | Miss M. E. Gibbs, 1741 20th street NW.      |
| Wormley.....  | Prospect street, between 33d and 34th streets NW..... | Miss A. T. Howard, 2006 17th street NW.     |

## TENTH DIVISION.

Supervising principal, Dr. J. H. N. WARING.

Office, John F. Cook school; residence, 307 Elm street NW.

|                   |   |  |
|-------------------|---|--|
| Banneker.....     | 3d street, between K and L streets NW.....              | Mr. J. W. Cromwell, 1439 Pierce place NW.  |
| Doughess.....     | 1st and Pierce streets NW.....                          | Miss H. A. Hebborn, 1129 24th street NW.   |
| Garnet.....       | U and 10th streets NW.....                              | Miss Lucinda Cook, 2234 6th street NW.     |
| John F. Cook..... | O street, between 4th and 5th streets NW.....           | Miss S. C. Lewis, 1120 19th street NW.     |
| Tones.....        | L and 1st streets NW.....                               | Miss K. C. Lewis, 1823 Vermont avenue.     |
| Logan.....        | 3d and G streets NE.....                                | Miss M. L. Washington, 1902 N street NW.   |
| Patterson.....    | Vermont avenue near U street NW.....                    | Miss C. A. Patterson, 1532 15th street NW. |
| Slater.....       | P street, between North Capitol and 1st streets NW..... | Miss E. A. Chase, 1109 I street NW.        |

## ELEVENTH DIVISION.

Supervising principal, Mr. J. B. CLARK.

Office, Lincoln school; residence, 1726 Eighth street NW.

|                    |   |   |
|--------------------|---|---|
| Ambush.....        | I street, between 6th and 7th streets SW..... | Miss R. J. Baldwin, 1234 4th street NW. |
| Anthony Bowen..... | 9th and E streets SW.....                     | Miss J. C. Grant, 1448 Pierce place NW. |
| Bell.....          | 1st street, between B and C streets SW.....   | Miss L. F. Dyson, 101 7th street SE.    |
| Giddings.....      | G street, between 3d and 4th streets SE.....  | Miss L. A. Smith, 903 U street NW.      |
| Lincoln.....       | 3d and C streets SE.....                      | Miss M. P. Shadd, 2110 14th street NW.  |
| Lovejoy.....       | 12th and D streets NE.....                    | Miss M. A. Wheeler, 1626 L street NW.   |
| Payne.....         | 15th and C streets SE.....                    | Miss M. L. Jordan, 312 3d street SW.    |
| Randall.....       | 1st and I streets SW.....                     | Mrs. M. E. Tucker, 413 B street SE.     |

## SIXTH DIVISION.

Supervising principal, Mr. W. B. PATTERSON.

Office, Gales School; residence, The Princeton.

| Name.          | Location.   | Name and residence of principal                  |
|----------------|---|--|
| Arthur .....   | Arthur Place NW.                                  | Miss H. T. Johnson, The Lafayette.               |
| Blair .....    | 1 street, between 6th and 7th streets NE.         | Miss E. F. Goodwin, 1437 Rhode Island avenue NW. |
| Blake .....    | North Capitol street, between K and L streets NW. | Miss M. E. Bond, 818 New Jersey avenue NW.       |
| Gales .....    | 1st and G streets NW.                             | Miss K. T. Brown, 635 I street NW.               |
| Hamilton ..... | Bladensburg road, county                          | Miss E. P. Kirk, 819 R street NW.                |
| Hayes .....    | 5th and K streets NE.                             | Miss A. M. Chayton, 1418 9th street NW.          |
| Langdon .....  | Langdon   | Miss A. M. Sisson, The Henrietta.                |
| Madison .....  | 10th and G streets NE.                            | Miss Emma Mueden, 457 M street NW.               |
| Pierce .....   | G and 14th streets NE.                            | Miss M. J. Austin, 728 F street NE.              |
| Taylor .....   | 7th street, near G street NE.                     | Miss E. C. Dyer, 1702 9th street NW.             |

## SEVENTH DIVISION.

(County.)

Supervising principal, Mr. J. R. KEENE.

Office, Monroe School; residence, Brightwood, D. C.

|                         |   |   |
|-------------------------|---|---|
| <i>White.</i>           |   |   |
| Brightwood .....        | Brightwood .....  | Mr. W. E. Nalley, Brightwood.                     |
| Brookland .....         | Brookland .....   | Mr. C. K. Finckel, 615 Spruce street NW.          |
| Chevy Chase .....       | Connecticut avenue extended .....                           | Miss M. Ellen Given, 1429 Q street NW.            |
| Conduit Road .....      | Conduit road .....  | Miss H. L. Luckel, 1755 L street NW.              |
| Hubbard .....           | Marshall street, between 11th and 12th streets NW.          | Mr. Horton Simpson, 153 M street NW.              |
| Johnson .....           | School street, Mount Pleasant.                              | Miss C. G. Brewer, The Stratford, Mount Pleasant. |
| Monroe .....            | Stenben street, between Brightwood and Sherman avenues NW.  | Mr. C. N. Thompson, 1104 12th street NW.          |
| Reservoir .....         | Conduit road, near reservoir.                               | Mr. H. W. Draper, 1839 Corcoran street NW.        |
| Tenley .....            | Tenley .....  | Mr. W. B. Ireland, Wisconsin avenue Tenley.       |
| Woodburn .....          | Riggs and Blair roads .....                                 | Miss H. E. King, 5th and Morrison streets NW.     |
| <i>Colored.</i>         |   |   |
| Brightwood .....        | Military road .....   | Mr. A. O. Stafford, 2009 14th street NW.          |
| Bruce .....             | Marshall street, between Brightwood and Sherman avenues NW. | Mr. E. R. Beckley, 2516 Brightwood avenue NW.     |
| Bunker Hill Road .....  | Bunker Hill Road .....                                      | Mr. D. I. Renfro, 1826 5th street NW.             |
| Fort Slocum .....       | Fort Slocum .....   | Mr. R. L. Mitchell, 239 Elm street NW.            |
| Grant Road .....        | Grant road, near Connecticut avenue extended.               | Mrs. L. I. Hawkesworth, 319 Spruce street NW.     |
| Ivy City .....          | Ivy City .....  | Miss L. E. Waring, 518 T street NW.               |
| Little Falls Road ..... | Little Falls road .....                                     | Mr. H. W. Freeman, jr., 1222 16th street NW.      |
| Mott .....              | 6th and Trumbull streets NW.                                | Mr. W. B. Evans, 1926 12th street NW.             |
| Orphans Home .....      | Eighth street extended .....                                | Miss N. A. Plummer, Hyattsville, Md.              |
| Wilson .....            | Central avenue, between Erie and Superior streets NW.       | Mr. F. L. Cardozo, jr., 1341 V street NW.         |

## EIGHTH DIVISION.

(City and county.)

Supervising principal, Mr. H. M. JOHNSON.

Office, Tyler School; residence, Anacostia, D. C.

|                        |   |   |
|------------------------|---|---|
| <i>White.</i>          |   |   |
| Buchanan .....         | E street, between 13th and 14th streets SE. | Miss M. M. Dyer, 1702 9th street NW.    |
| Cranch .....           | 12th and G streets SE.                      | Miss M. J. Peabody, 725 13th street SE. |
| Tyler .....            | 11th street, between G and I streets SE.    | Miss S. A. Langley, 311 6th street SE.  |
| Benning .....          | Benning .....                               | Mr. J. H. Voorhees, Kenilworth, D. C.   |
| Congress Heights ..... | Congress Heights .....                      | Mr. H. F. Lowe, 1117 I street NW.       |
| Good Hope .....        | Good Hope .....                             | Miss C. I. Muthis, 714 4th street SE.   |
| Van Buren .....        | Jefferson street, Anacostia .....           | Mr. S. M. Ely, 50 S street NW.          |
| Van Buren annex .....  | Washington street, Anacostia .....          | Miss M. C. Thompson, 741 7th street SE. |
| Twining City .....     | Twining City .....                          |   |

## EIGHTH DIVISION—Continued.

| Name.             | Location.                     | Name and residence of principal.        |
|-------------------|-------------------------------|---|
| <i>Colored.</i>   |                               |   |
| Benning Road..... | Near Benning .....            | Mr. J. E. Syphax, 1631 L street NW.     |
| Birney .....      | Howard avenue, Hillshade..... | Miss F. J. Smith, 1521 Pierce place NW. |
| Hillshade .....   | Burrville .....               | Mr. H. W. Lewis, 721 3d street SW.      |
| Burrville .....   | Garfield .....                | Mr. F. J. Cardozo, 318 3d street SW.    |
| Garfield .....    |                               |   |

## NINTH DIVISION.

Supervising principal, Mr. E. W. Brown.

Office, Summer School; residence, 924 Twenty-fourth street NW.

|                |   |   |
|----------------|---|---|
| Briggs .....   | E and 23d streets NW .....                        | Mr. F. L. Cardozo, 1333 V street NW.        |
| Garrison ..... | 12th street, between R and S streets NW.          | Miss K. C. Alexander, 1512 Pierce place NW. |
| Magruder ..... | M street, between 16th and 17th streets NW.       | Miss A. M. Mason, 2218 I street NW.         |
| Phillips ..... | N street, between 27th and 28th streets NW.       | Miss G. F. Smith, 1613 Madison street NW.   |
| Stevens .....  | 21st street, between K and L streets NW.          | Mr. J. C. Nalle, 1429 Pierce place NW.      |
| Summer .....   | M and 17th streets NW .....                       | Miss M. E. Gibbs, 1711 20th street NW.      |
| Wormley .....  | Prospect street, between 33d and 34th streets NW. | Miss A. T. Howard, 2006 17th street NW.     |

## TENTH DIVISION.

Supervising principal, Dr. J. H. N. Waring.

Office, John F. Cook School; residence, 307 Elm street NW.

|                    |   |  |
|--------------------|---|--|
| Banneker .....     | 3d street, between K and L streets NW.              | Mr. J. W. Cromwell, 1439 Pierce place NW.  |
| Douglass .....     | 1st and Pierce streets NW .....                     | Miss H. A. Hebborn, 1129 21th street NW.   |
| Garnet .....       | U and 10th streets NW .....                         | Miss Lucinda Cook, 2221 6th street NW.     |
| John F. Cook ..... | O street, between 4th and 5th streets NW.           | Miss S. C. Lewis, 1129 19th street NW.     |
| Jones .....        | L and 1st streets NW .....                          | Miss K. C. Lewis, 1823 Vermont avenue.     |
| Logan .....        | 3d and G streets NE .....                           | Miss M. L. Washington, 1902 N street NW.   |
| Patterson .....    | Vermont avenue near U street NW ..                  | Miss C. A. Patterson, 1532 15th street NW. |
| Slater .....       | P street, between North Capitol and 1st streets NW. | Miss E. A. Chase, 1109 I street NW.        |

## ELEVENTH DIVISION.

Supervising principal, Mr. J. B. Clark.

Office, Lincoln School; residence, 1726 Eighth street NW.

|                     |   |   |
|---------------------|---|---|
| Amblush .....       | L street, between 6th and 7th streets SW. | Miss R. J. Baldwin, 1234 4th street NW. |
| Anthony Bowen ..... | 9th and E streets SW .....                | Miss J. C. Grant, 1418 Pierce place NW. |
| Bell .....          | 1st street, between B and C streets SW.   | Miss L. F. Dyson, 101 7th street SE.    |
| Giddings .....      | G street, between 3d and 4th streets SE.  | Miss L. A. Smith, 903 U street NW.      |
| Lincoln .....       | 2d and C streets SE .....                 | Miss M. P. Shadd, 2110 14th street NW.  |
| Lovejoy .....       | 12th and D streets NE .....               | Miss M. A. Wheeler, 1626 L street NW.   |
| Payne .....         | 15th and C streets SE .....               | Miss M. L. Jordan, 312 3d street SW.    |
| Randall .....       | 1st and I streets SW .....                | Mrs. M. E. Tucker, 413 B street SE.     |

## BOARD OF TRUSTEES OF PUBLIC SCHOOLS, DISTRICT OF COLUMBIA (1899-1900)

## LOCAL COMMITTEES.

| Division.               | Name.                        | Term expires.  | Address.   |
|-------------------------|------------------------------|----------------|--|
| First.....              | Job Barnard.....             | Sept. 13, 1900 | City Hall.   |
| Second.....             | George H. Harries.....       | do.....        | Board of Trade, 1410 G street NW.                      |
| Third.....              | James W. Whelpley.....       | do.....        | American Security and Trust Company, 1405 G street NW. |
| Fourth.....             | David H. Hazen.....          | do.....        | 407 6th street NW.                                     |
| Fifth.....              | Jesse H. Wilson.....         | do.....        | 317 John Marshall Place.                               |
| Sixth.....              | Mrs. Miranda B. Tulloch..... | Oct. 15, 1900  | 121 B street SE.                                       |
| Seventh and eighth..... | (Ellis Spear.....)           | Oct. 1, 1900   | 1003 F street NW.                                      |
|                         | (Sterling N. Brown.....)     | do.....        | 2464 6th street NW.                                    |
| Ninth.....              | Thomas H. Wright.....        | Sept. 13, 1900 | 929 20th street NW.                                    |
| Tenth.....              | Mrs. Bettie G. Francis.....  | June 30, 1901  | 2112 Pennsylvania avenue.                              |
| Eleventh.....           | Geo. H. Richardson.....      | Oct. 1, 1900   | 309 11th street NE.                                    |

## OFFICERS OF THE BOARD.

*President.*—JAMES W. WHELPLEY, 1405 G street NW.

*Secretary.*—J. G. FALCK, Franklin School.

*Superintendent of schools* (first eight Divisions).—W. B. POWELL, A. M., Franklin School.

*Superintendent of schools* (Ninth, Tenth, and Eleventh Divisions).—G. F. T. COOK, A. M., Sumner School.

# REPORT OF BOARD OF TRUSTEES OF PUBLIC SCHOOLS OF THE DISTRICT OF COLUMBIA.

## STATISTICS.

|   |        |  |
|---|--------|--|
| Number of pupils enrolled:  |        |  |
| First eight divisions .....   | 33,771 |  |
| Ninth, tenth, and eleventh divisions .....                              | 12,748 |  |
| Total .....   | 46,519 |  |
| Number of white pupils (male, 15,154; female, 16,107) .....             | 31,261 |  |
| Number of colored pupils (male, 6,581; female, 8,677) .....             | 15,258 |  |
| Total (male, 21,735; female, 24,784) .....                              | 46,519 |  |
| Number of pupils in city schools (white, 27,321; colored, 12,748) ..... | 40,069 |  |
| Number of pupils in county schools (white, 3,940; colored, 2,510) ..... | 6,450  |  |
| Total (white, 31,261; colored, 15,258) .....                            | 46,519 |  |
| Number of male pupils (white, 15,154; colored, 6,581) .....             | 21,735 |  |
| Number of female pupils (white, 16,107; colored, 8,677) .....           | 24,784 |  |
| Total .....   | 46,519 |  |

|   | Male.  | Female. | Total. |
|---|--------|---------|--------|
| Number of pupils in normal schools .....              | 20     | 201     | 221    |
| Number of pupils in high schools .....                | 1,306  | 2,111   | 3,417  |
| Number of pupils in grammar and primary schools ..... | 19,843 | 21,807  | 41,650 |
| Number of pupils in kindergartens .....               | 566    | 665     | 1,231  |
| Total .....   | 21,735 | 24,784  | 46,519 |

## PER CENT OF TEACHERS.

The per cent of teachers was: White—male, 6.93; female, 59.46; total, 66.39. Colored—male, 6.20; female, 27.41; total, 33.61; distributed as follows:

|                                   | White. |         | Colored. |         | Total. |         | Total. |
|-----------------------------------|--------|---------|----------|---------|--------|---------|--------|
|                                   | Male.  | Female. | Male.    | Female. | Male.  | Female. |        |
| Supervisors .....                 | 1.10   | 0.49    | 0.73     | 0.73    | 0.98   | 0.57    | 1.55   |
| Special .....                     | 2.33   | 6.27    | 3.64     | 5.82    | 2.77   | 6.12    | 8.89   |
| Normal schools .....              |        | .98     |          | 1.70    |        | 1.22    | 1.22   |
| High schools .....                | 4.55   | 8.72    | 4.85     | 2.67    | 4.65   | 6.69    | 11.34  |
| Grammar and primary schools ..... | 2.16   | 69.11   | 9.23     | 66.26   | 4.73   | 68.35   | 73.08  |
| Kindergartens .....               |        | 3.69    |          | 4.37    |        | 3.92    | 3.92   |
| Total .....                       | 10.44  | 89.56   | 18.45    | 81.55   | 13.13  | 86.87   | 100.00 |

## ENROLLMENT.

The number of pupils enrolled was 46,519—31,261 white and 15,258 colored. This shows an increase of 959, or 2.10 per cent over the enrollment of the previous year.

The average enrollment was 38,111, or 3.24 per cent above that of the previous year.

The average number of pupils in daily attendance was 35,463.

## TEACHERS.

There were employed 1,226 teachers, as follows:

|   | Male | Female | Total |
|---|------|--------|-------|
| First eight divisions.....                | 103  | 771    | 874   |
| Ninth, tenth, and eleventh divisions..... | 58   | 294    | 352   |
| Total.....                                | 161  | 1,065  | 1,226 |
| Number of white teachers.....             | 85   | 729    | 814   |
| Number of colored teachers.....           | 76   | 336    | 412   |
| Total.....                                | 161  | 1,065  | 1,226 |
| City schools:                             |      |        |       |
| White.....                                | 73   | 618    | 691   |
| Colored.....                              | 58   | 294    | 352   |
| Total.....                                | 131  | 912    | 1,043 |
| County schools:                           |      |        |       |
| White.....                                | 12   | 111    | 123   |
| Colored.....                              | 18   | 12     | 30    |
| Total.....                                | 30   | 123    | 153   |

The teachers were distributed as follows:

|                             | White. | Colored. | Total |
|-----------------------------|--------|----------|-------|
| Supervising principals..... | 13     | 6        | 19    |
| Normal schools.....         | 8      | 7        | 15    |
| High schools.....           | 108    | 31       | 139   |
| Grammar schools.....        | 246    | 96       | 342   |
| Primary schools.....        | 339    | 215      | 554   |
| Kindergartens.....          | 30     | 18       | 48    |
| Music.....                  | 6      | 6        | 12    |
| Drawing.....                | 6      | 6        | 12    |
| Manual training.....        | 18     | 8        | 26    |
| Cooking.....                | 13     | 5        | 18    |
| Sewing.....                 | 16     | 10       | 26    |
| Physical culture.....       | 6      | 4        | 10    |
| Librarian.....              | 1      |          | 1     |
| Total.....                  | 814    | 412      | 1,226 |

<sup>1</sup> Including one teacher for the county schools, first eight divisions.

## The day schools cost—

|  |                 |
|--|-----------------|
| For teachers and supervisors .....   | 1\$838, 576. 93 |
| For janitors .....   | 64, 269. 10     |
| For rent .....   | 13, 968. 00     |
| For fuel .....   | 41, 329. 05     |
| For contingent expenses, including printing, etc. ....                           | 30, 218. 37     |
| For free text-books and supplies .....   | 42, 500. 00     |
| For industrial instruction, including manual training, cooking, and sewing ..... | 9, 571. 20      |
| For flags .....  | 401. 07         |
| For furniture .....  | 1, 397. 11      |
| For repairs to buildings .....   | 47, 741. 66     |
| For repairs to plumbing .....  | 23, 190. 77     |
| For new buildings .....  | 71, 807. 43     |
| For kindergartens (exclusive of salaries) .....                                  | 3, 911. 91      |
| Total .....  | 1, 188, 882. 60 |

The relative numbers enrolled in the different grades of our schools are shown by the following:

| Schools.                 | White.  | Colored. |
|--------------------------|---------|----------|
| In normal schools .....  | 109     | 112      |
| In high schools .....    | 2, 713  | 704      |
| In grammar schools ..... | 11, 104 | 3, 990   |
| In primary schools ..... | 16, 589 | 9, 967   |
| In kindergartens .....   | 746     | 485      |
| Total .....              | 31, 261 | 15, 258  |

There were enrolled in the night schools 1,289 white and 1,557 colored persons. These were taught by 66 teachers, of whom 34 were white and 32 colored.

## The night schools cost—

|                               |              |
|-------------------------------|--------------|
| For teachers .....            | \$8, 792. 75 |
| For incidental expenses ..... | 457. 86      |
| Total .....                   | 9, 250. 61   |

The day schools were in session 179 days; the night schools were open 63 nights in the first eight divisions (night high school 74 nights, the cooking schools 46 nights, and night manual training school 32 nights), and 55 nights in the ninth, tenth, and eleventh divisions.

<sup>1</sup> Includes \$11,026.53 paid teachers of kindergarten schools.



TABLE 1.—*Showing attendance and cost of white and colored schools.*

|  | White   | Colored | Total   |
|--|---------|---------|---------|
| <b>Whole enrollment:</b>   |         |         |         |
| Normal schools.....  | 109     | 112     | 221     |
| High schools.....  | 2,713   | 704     | 3,417   |
| Grammar and primary schools.....   | 27,493  | 13,967  | 41,460  |
| Kindergartens.....   | 746     | 485     | 1,231   |
| Total.....   | 31,261  | 15,268  | 46,529  |
| Increase for the year.....   | 1,017   | 138     | 1,155   |
| Per cent of increase.....  | 3.26    | 0.90    | 2.50    |
| <b>Average enrollment:</b>   |         |         |         |
| Normal schools.....  | 104     | 107     | 211     |
| High schools.....  | 2,320   | 633     | 2,953   |
| Grammar and primary schools.....   | 22,833  | 11,339  | 34,172  |
| Kindergartens.....   | 460     | 285     | 745     |
| Total.....   | 25,717  | 12,364  | 38,081  |
| Increase for the year.....   | 928     | 270     | 1,198   |
| Per cent of increase.....  | 3.73    | 2.23    | 3.14    |
| <b>Average attendance:</b>   |         |         |         |
| Normal schools.....  | 101     | 101     | 202     |
| High schools.....  | 2,160   | 606     | 2,766   |
| Grammar and primary schools.....   | 21,191  | 10,654  | 31,845  |
| Kindergartens.....   | 400     | 247     | 647     |
| Total.....   | 23,852  | 11,611  | 35,463  |
| Increase for the year.....   | 1,124   | 307     | 1,431   |
| Per cent of increase.....  | 4.74    | 2.71    | 4.29    |
| <b>Whole enrollment:</b>   |         |         |         |
| Boys.....  | 43,154  | 6,581   | 49,735  |
| Girls.....   | 16,107  | 8,677   | 24,784  |
| Total.....   | 31,261  | 15,258  | 46,519  |
| Whole enrollment in night schools.....   | 1,289   | 1,657   | 2,946   |
| Grand total.....   | 32,550  | 16,815  | 49,365  |
| <b>School buildings:<sup>2</sup></b>   |         |         |         |
| Owned.....   | 71      | 38      | 109     |
| Rented.....  | 12      | 3       | 15      |
| Total.....   | 83      | 41      | 124     |
| <b>Schoolrooms:<sup>2</sup></b>  |         |         |         |
| Owned.....   | 549     | 265     | 814     |
| Rented.....  | 18      | 20      | 38      |
| Total.....   | 567     | 285     | 852     |
| <b>Number of teachers:</b>   |         |         |         |
| Males.....   | 85      | 76      | 161     |
| Females.....   | 729     | 336     | 1,065   |
| Total.....   | 814     | 412     | 1,226   |
| Night schools.....   | 34      | 32      | 66      |
| Grand total.....   | 848     | 444     | 1,292   |
| Cost of tuition per pupil, including supervision, based on average enrollment.....                           | \$22.31 | \$21.36 | \$22.00 |
| Cost per pupil for all expenses, except repairs and permanent improvements, based on average enrollment..... | 28.28   | 25.82   | 27.41   |

<sup>1</sup> Decrease.<sup>2</sup> Not including high schools.

TABLE II.—*Whole enrollment of pupils in the several kinds and grades of schools in the District of Columbia for the school year ended June 30, 1900.*

| Grade.                 | White. | Colored. | Total. |
|------------------------|--------|----------|--------|
| Normal schools.....    | 109    | 112      | 221    |
| High schools.....      | 2,713  | 704      | 3,417  |
| Total.....             | 2,822  | 816      | 3,638  |
| Grammar schools, city: |        |          |        |
| Eighth grade.....      | 1,940  | 508      | 2,448  |
| Seventh grade.....     | 2,209  | 679      | 2,888  |
| Sixth grade.....       | 2,629  | 883      | 3,512  |
| Fifth grade.....       | 2,969  | 1,237    | 4,206  |
| Total.....             | 9,747  | 3,307    | 13,054 |
| Primary schools, city: |        |          |        |
| Fourth grade.....      | 3,247  | 1,471    | 4,718  |
| Third grade.....       | 3,406  | 1,686    | 5,092  |
| Second grade.....      | 3,125  | 1,902    | 5,027  |
| First grade.....       | 4,316  | 3,174    | 7,490  |
| Total.....             | 14,094 | 8,233    | 22,327 |
| County schools.....    | 3,852  | 2,417    | 6,269  |
| Kindergartens:         |        |          |        |
| City.....              | 658    | 392      | 1,050  |
| County.....            | 88     | 93       | 181    |
| Total.....             | 746    | 485      | 1,231  |
| Grand total.....       | 31,261 | 15,258   | 46,519 |

TABLE III.—*Whole enrollment of pupils, boys and girls, white and colored, in the District of Columbia, by grades, for the school year ended June 30, 1900.*

| Grade.                       | Boys.  | Girls. | Total. | Per cent. |
|------------------------------|--------|--------|--------|-----------|
| Normal schools.....          | 20     | 201    | 221    | 7.47      |
| High schools.....            | 1,306  | 2,111  | 3,417  | 7.35      |
| Eighth grade.....            | 1,221  | 1,642  | 2,863  | 6.15      |
| Seventh grade.....           | 1,437  | 1,885  | 3,322  | 7.14      |
| Sixth grade.....             | 1,782  | 2,246  | 4,028  | 8.66      |
| Fifth grade.....             | 2,267  | 2,644  | 4,911  | 10.49     |
| Fourth grade.....            | 2,602  | 2,908  | 5,510  | 11.85     |
| Third grade.....             | 3,000  | 3,130  | 6,130  | 13.18     |
| Second grade.....            | 3,037  | 3,030  | 6,067  | 13.04     |
| First grade.....             | 4,197  | 4,352  | 8,549  | 19.02     |
| Kindergarten.....            | 566    | 665    | 1,231  | 2.65      |
| Total.....                   | 21,735 | 24,784 | 46,519 | 100.00    |
| SUMMARY.                     |        |        |        |           |
| Normal and high schools..... | 1,326  | 2,312  | 3,638  | 7.82      |
| Grammar schools.....         | 6,707  | 8,387  | 15,094 | 32.44     |
| Primary schools.....         | 13,136 | 13,420 | 26,556 | 57.09     |
| Kindergartens.....           | 566    | 665    | 1,231  | 2.65      |
| Total.....                   | 21,735 | 24,784 | 46,519 | 100.00    |

The number of schools below the high schools was as follows:

| Grade                            | White | Colored | Total |
|----------------------------------|-------|---------|-------|
| Grammar schools, city:           |       |         |       |
| Eighth grade.....                | 44    | 12      | 56    |
| Seventh grade.....               | 50    | 16      | 66    |
| Sixth grade.....                 | 58    | 22      | 80    |
| Fifth grade.....                 | 62    | 28      | 90    |
| Total.....                       | 214   | 78      | 292   |
| Primary schools, city:           |       |         |       |
| Fourth grade.....                | 67    | 34      | 101   |
| Third grade.....                 | 73    | 39      | 112   |
| Second grade.....                | 69    | 44      | 113   |
| First grade.....                 | 82    | 69      | 151   |
| Total.....                       | 291   | 186     | 477   |
| County schools.....              | 89    | 55      | 144   |
| Kindergartens:                   |       |         |       |
| City.....                        | 12    | 7       | 19    |
| County.....                      | 2     | 2       | 4     |
| Grand total.....                 | 608   | 328     | 936   |
| Number of whole-day schools..... | 428   | 167     | 595   |
| Number of half-day schools.....  | 166   | 152     | 318   |
| Number of kindergartens.....     | 14    | 9       | 23    |
| Total.....                       | 608   | 328     | 936   |

The average number of pupils, based on the whole enrollment, was as follows:

| Grade   | White | Colored | Total |
|---|-------|---------|-------|
| High schools, to a teacher, excluding principals..... | 26.0  | 23.4    | 24.7  |
| Grammar schools, city:                                |       |         |       |
| Eighth grade.....                                     | 44.0  | 42.3    | 43.2  |
| Seventh grade.....                                    | 44.4  | 42.4    | 43.4  |
| Sixth grade.....                                      | 45.3  | 40.0    | 42.7  |
| Fifth grade.....                                      | 47.8  | 44.1    | 46.0  |
| Primary schools, city:                                |       |         |       |
| Fourth grade.....                                     | 48.4  | 43.2    | 45.8  |
| Third grade.....                                      | 46.6  | 43.2    | 44.9  |
| Second grade.....                                     | 45.2  | 43.2    | 44.2  |
| First grade.....                                      | 52.6  | 46.0    | 49.3  |
| County schools.....                                   | 43.2  | 43.9    | 43.5  |
| Kindergartens:  |       |         |       |
| City.....   | 54.8  | 56.0    | 55.4  |
| County.....   | 44.0  | 46.5    | 45.2  |

One thousand two hundred and twenty-six teachers were employed, as follows:

|                             | White | Colored | Total |
|-----------------------------|-------|---------|-------|
| Supervising principals..... | 13    | 6       | 19    |
| Normal schools.....         | 8     | 7       | 15    |
| High schools.....           | 108   | 31      | 139   |
| Total.....                  | 129   | 44      | 173   |
| Grammar schools, city:      |       |         |       |
| Eighth grade.....           | 44    | 12      | 56    |
| Seventh grade.....          | 50    | 16      | 66    |
| Sixth grade.....            | 58    | 22      | 80    |
| Fifth grade.....            | 61    | 28      | 89    |
| Total.....                  | 213   | 78      | 291   |

|                                    | White. | Colored. | Total. |
|------------------------------------|--------|----------|--------|
| Primary schools, city:             |        |          |        |
| Fourth grade .....                 | 64     | 34       | 98     |
| Third grade .....                  | 72     | 37       | 109    |
| Second grade .....                 | 67     | 41       | 108    |
| First grade .....                  | 80     | 66       | 146    |
| Total .....                        | 283    | 178      | 461    |
| County schools .....               | 89     | 55       | 144    |
| Kindergartens:                     |        |          |        |
| City .....                         | 26     | 14       | 40     |
| County .....                       | 4      | 4        | 8      |
| Total .....                        | 30     | 18       | 48     |
| Teachers of music .....            | 10     | 6        | 16     |
| Teachers of drawing .....          | 6      | 6        | 12     |
| Teachers of manual training .....  | 18     | 8        | 26     |
| Teachers of cooking .....          | 13     | 5        | 18     |
| Teachers of sewing .....           | 16     | 10       | 26     |
| Teachers of physical culture ..... | 6      | 4        | 10     |
| Librarian .....                    | 1      | 0        | 1      |
| Grand total .....                  | 814    | 412      | 1,226  |

The cost of schools for supervision and teaching was as follows:

|  | White.     | Colored.   | Total.     |
|--|------------|------------|------------|
| Supervision:   |            |            |            |
| 1 superintendent .....                                 | \$3,600.00 | \$2,500.00 | \$6,100.00 |
| 1 assistant superintendent .....                       | 2,000.00   |            | 2,000.00   |
| 8 supervising principals, each \$2,000 .....           | 16,000.00  |            | 16,000.00  |
| 1 supervising principals, each \$2,000 .....           |            | 6,000.00   | 6,000.00   |
| 1 director primary work .....                          | 1,500.00   | 1,100.00   | 2,600.00   |
| 1 assistant directors primary work .....               | 2,450.00   |            | 2,450.00   |
| 2 assistant directors primary work .....               |            | 1,105.00   | 1,105.00   |
| 1 librarian .....                                      | 695.00     |            | 695.00     |
| 1 clerk .....  | 1,200.00   | 800.00     | 2,000.00   |
| 1 messenger .....                                      | 300.00     | 200.00     | 500.00     |
| Total .....  | 27,745.00  | 11,705.00  | 39,450.00  |
| Cost per pupil (estimated on average enrollment) ..... | 1.00       | 1.11       | 1.03       |
| Instruction:   |            |            |            |
| Normal schools—  |            |            |            |
| 1 principal .....                                      | 1,500.00   | 1,500.00   | 3,000.00   |
| 2 teachers, each \$1,200 .....                         | 2,400.00   |            | 2,400.00   |
| 2 teachers, each \$1,000 .....                         | 2,000.00   |            | 2,000.00   |
| 1 teacher .....  |            | 1,000.00   | 1,000.00   |
| 2 teachers, each \$800 .....                           |            | 1,600.00   | 1,600.00   |
| 2 teachers, each \$700 .....                           | 1,400.00   |            | 1,400.00   |
| 1 teacher .....  |            | 700.00     | 700.00     |
| 1 teacher .....  |            | 650.00     | 650.00     |
| 1 teacher .....  | 435.00     | 437.10     | 872.10     |
| Total .....  | 17,735.00  | 45,887.10  | 13,622.10  |
| Cost per pupil (estimated on average enrollment) ..... | 27.00      | 19.62      | 23.26      |
| High schools—  |            |            |            |
| 1 director .....                                       | 2,500.00   |            | 2,500.00   |
| 1 principals .....                                     | 6,000.00   |            | 6,000.00   |
| 1 principal .....                                      |            | 1,800.00   | 1,800.00   |
| 104 teachers .....                                     | 91,595.00  |            | 91,595.00  |
| 30 teachers .....                                      |            | 24,016.29  | 24,016.29  |
| Total .....  | 100,095.00 | 25,816.29  | 125,911.29 |
| Cost per pupil (estimated on average enrollment) ..... | 43.14      | 40.78      | 42.63      |

<sup>1</sup> First eight divisions.

<sup>2</sup> Ninth, tenth, and eleventh divisions.

<sup>3</sup> This includes the cost of teaching nine practice schools, first eight divisions, \$4,926.14.

<sup>4</sup> This includes the cost of teaching eight practice schools, ninth, tenth, and eleventh divisions \$3,786.74.

|  | White.       | Colored.    | Total.       |
|--|--------------|-------------|--------------|
| <i>Tuition—Continued.</i>  |              |             |              |
| <i>Grammar schools, city—</i>  |              |             |              |
| 44 eighth, 50 seventh, 58 sixth, 62 fifth grade schools.....               | \$176,847.50 |             | \$176,847.50 |
| 12 eighth, 16 seventh, 22 sixth, 28 fifth grade schools.....               |              | \$62,775.00 | \$62,775.00  |
| Total.....   | 176,847.50   | 62,775.00   | 239,622.50   |
| Cost per pupil (estimated on average enrollment).....                      | 21.54        | 22.65       | 21.67        |
| <i>Primary schools, city—</i>  |              |             |              |
| 67 fourth, 73 third, 69 second, 82 first grade schools.....                | 7150,088.93  |             | 140,088.93   |
| 34 fourth, 39 third, 44 second, 69 first grade schools.....                |              | 92,731.87   | 92,731.87    |
| Total.....   | 140,088.93   | 92,731.87   | 232,820.80   |
| Cost per pupil (estimated on average enrollment).....                      | 13.38        | 14.50       | 13.79        |
| <i>Special teachers—</i>   |              |             |              |
| 10 music teachers, 6 drawing teachers, 6 teachers of physical culture..... | 16,144.16    |             | 16,144.16    |
| 6 music teachers, 6 drawing teachers, 4 teachers of physical culture.....  |              | 11,489.17   | 11,489.17    |
| Total.....   | 16,144.16    | 11,489.17   | 27,633.33    |
| Cost per pupil (estimated on average enrollment).....                      | .88          | 1.09        | .92          |
| <i>Manual training—</i>  |              |             |              |
| Carpentry, 16; metal working, 2; cooking, 13; sewing, 16.                  | 32,816.34    |             | 32,816.34    |
| Carpentry, 6; metal working, 2; cooking, 6; sewing, 10.                    |              | 15,325.00   | 15,325.00    |
| Total.....   | 32,816.34    | 15,325.00   | 48,141.34    |
| Cost per pupil (estimated on average enrollment).....                      | 1.27         | 1.23        | 1.25         |
| <i>County schools—</i>   |              |             |              |
| 89 teachers.....   | 55,948.17    |             | 55,948.17    |
| 55 teachers.....   |              | 34,400.87   | 34,400.87    |
| Total.....   | 55,948.17    | 34,400.87   | 90,349.04    |
| Cost per pupil (estimated on average enrollment).....                      | 18.03        | 18.59       | 18.28        |
| <i>Kindergartens—</i>  |              |             |              |
| City.....  | 9,122.66     | 3,033.87    | 9,146.53     |
| County.....  | 925.00       | 945.00      | 1,870.00     |
| Total.....   | 7,047.66     | 3,978.87    | 11,026.53    |
| Cost per pupil (estimated on average enrollment).....                      |              |             |              |
| City.....  | 15.42        | 12.96       | 14.14        |
| County.....  | 14.68        | 18.52       | 16.10        |
| Total.....   | 15.32        | 13.96       | 14.80        |

<sup>1</sup>To be increased by the cost of teaching one practice school, \$700.

<sup>2</sup>To be increased by the cost of teaching eight practice schools, \$4,226.14.

<sup>3</sup>To be increased by the cost of teaching eight practice schools, \$3,786.74.

<sup>4</sup>Includes salary paid one teacher for the county schools.

#### Summary.

|   |              |
|---|--------------|
| Total cost of instruction, including supervision .....            | \$838,576.93 |
| Whole number of pupils enrolled.....                              | 46,519       |
| Average number of pupils enrolled.....                            | 38,111       |
| Average number of pupils in daily attendance.....                 | 35,463       |
| Average cost of instruction, including supervision, estimated on— |              |
| 1. Whole enrollment.....  | \$18.02      |
| 2. Average enrollment.....  | 22.00        |
| 3. Average attendance.....  | 23.64        |

#### Janitors.

|                            |             |
|----------------------------|-------------|
| Total amount expended..... | \$64,269.10 |
|----------------------------|-------------|

#### Contingent expenses.

|   |             |
|---|-------------|
| Total amount expended.....                                      | \$30,218.37 |
| Average amount per pupil (estimated on average enrollment)..... | .79         |

#### Free text-books and supplies.

|   |             |
|---|-------------|
| Total amount expended.....                                      | \$42,500.00 |
| Average amount per pupil (estimated on average enrollment)..... | 1.24        |

*Industrial instruction.*

|                            |            |
|----------------------------|------------|
| Total amount expended..... | \$9,571.20 |
|----------------------------|------------|

*Rent.*

|                            |             |
|----------------------------|-------------|
| Total amount expended..... | \$13,968.00 |
|----------------------------|-------------|

*Furniture.*

|                            |            |
|----------------------------|------------|
| Total amount expended..... | \$1,397.11 |
|----------------------------|------------|

*Flags.*

|                            |          |
|----------------------------|----------|
| Total amount expended..... | \$401.07 |
|----------------------------|----------|

*Kindergartens.*

|  |            |
|--|------------|
| Total amount expended (exclusive of salaries).....               | \$3,911.91 |
| Average amount per pupil (estimated on average enrollment) ..... | 5.25       |

## SUMMARY.

|  |                |
|--|----------------|
| Amount expended, grand total.....  | \$1,046,142.74 |
| Average cost per pupil (including all high and normal schools) for all expenses except repairs and permanent improvements: |                |
| 1. On whole enrollment.....  | 22.48          |
| 2. On average enrollment.....  | 27.44          |
| 3. On average attendance.....  | 29.64          |

*Supervision.*

|  |            |
|--|------------|
| One superintendent (white).....  | \$3,600.00 |
| One superintendent (colored).....  | 2,500.00   |
| One assistant superintendent (white).....  | 2,000.00   |
| Eight supervising principals (white).....  | 16,000.00  |
| Three supervising principals (colored).....  | 6,000.00   |
| One director of primary work (white).....  | 1,500.00   |
| One director of primary work (colored).....  | 1,100.00   |
| Three assistant directors of primary work (white).....                               | 2,450.00   |
| Two assistant directors of primary work (colored).....                               | 1,105.00   |
| One librarian (white).....   | 695.00     |
| One clerk and secretary (white).....   | 1,200.00   |
| One clerk (colored).....   | 800.00     |
| One messenger (white).....   | 300.00     |
| One messenger (colored).....   | 200.00     |
| Total cost of supervision.....   | 39,450.00  |
| Average cost of supervision per pupil (estimated on average enrollment, 38,111)..... | 1.03       |

*Normal school (first eight divisions).*

|                                  |          |
|----------------------------------|----------|
| Number of teachers trained.....  | 109      |
| Average attendance.....          | 101      |
| Number of teachers employed..... | 8        |
| Average salary.....              | \$966.87 |

*Normal school (ninth, tenth, and eleventh divisions).*

|                                  |          |
|----------------------------------|----------|
| Number of teachers trained.....  | 112      |
| Average attendance.....          | 104      |
| Number of teachers employed..... | 7        |
| Average salary.....              | \$841.01 |

*High school (first eight divisions).*

|  |          |
|--|----------|
| Number of pupils enrolled (boys, 1,108; girls, 1,605).....       | 2,713    |
| Average enrollment.....  | 2,320    |
| Average attendance.....  | 2,160    |
| Per cent of attendance.....                                      | 93.9     |
| Average number of cases of tardiness per month.....              | 451.3    |
| Number of teachers employed.....                                 | 108      |
| Average salary paid.....   | \$926.80 |
| Cost of tuition per pupil (estimated on average enrollment)..... | \$43.14  |

*High school (ninth, tenth, and eleventh divisions).*

|   |          |
|---|----------|
| Number of pupils enrolled (boys, 198; girls, 506) .....           | 704      |
| Average enrollment .....  | 633      |
| Average attendance .....  | 606      |
| Per cent of attendance .....                                      | 95.6     |
| Average cases of tardiness per month .....                        | 42.7     |
| Number of teachers employed .....                                 | 31       |
| Average salary paid .....   | \$832.78 |
| Cost of tuition per pupil (estimated on average enrollment) ..... | \$40.78  |

*Grammar and primary schools.*

|   | White.   | Colored. | Total    |
|---|----------|----------|----------|
| Number of pupils enrolled .....   | 27,693   | 13,957   | 41,650   |
| Average enrollment .....  | 22,863   | 11,339   | 34,202   |
| Average attendance .....  | 21,191   | 10,654   | 31,845   |
| Per cent of attendance .....  | 92.5     | 94.2     | 93.1     |
| Average number of cases of tardiness per month .....                          | 2,693    | 707      | 3,400    |
| Number of pupils dismissed .....  | 8        | 24       | 32       |
| Number of cases of corporal punishment .....                                  | 26       | 1        | 27       |
| Number of teachers employed .....   | 585      | 311      | 896      |
| Average salary paid .....   | \$654.33 | \$610.63 | \$632.45 |
| Average number of pupils to a teacher (estimated on average enrollment) ..... | 39.0     | 36.4     | 38.1     |
| Cost of tuition per pupil (estimated on average enrollment) .....             | \$16.74  | \$16.71  | \$16.74  |

*Kindergartens.*

|   | White.   | Colored. | Total    |
|---|----------|----------|----------|
| Number of pupils enrolled .....   | 746      | 485      | 1,231    |
| Average enrollment .....  | 460      | 285      | 745      |
| Average daily attendance .....  | 400      | 247      | 647      |
| Per cent of attendance .....  | 87.9     | 87.2     | 87.0     |
| Number of teachers employed .....   | 30       | 18       | 48       |
| Average salary paid .....   | \$234.92 | \$221.04 | \$227.77 |
| Average number of pupils to a teacher (estimated on average enrollment) ..... | 15.3     | 15.8     | 15.5     |

*Special teachers.*

|  | White. <sup>1</sup> | Colored. <sup>1</sup> | Total    |
|--|---------------------|-----------------------|----------|
| Music .....  | 10                  | 6                     | 16       |
| Drawing .....  | 6                   | 5                     | 11       |
| Physical culture .....   | 6                   | 4                     | 10       |
| Average salary paid:   |                     |                       |          |
| Music .....  | \$702.66            | \$739.86              | \$721.26 |
| Drawing .....  | \$814.16            | \$708.33              | \$761.25 |
| Physical culture .....   | \$705.41            | \$700.00              | \$702.71 |
| Average cost per pupil for special tuition (estimated on average enrollment) ..... | \$0.58              | \$1.09                | \$0.72   |

<sup>1</sup> First eight divisions.<sup>2</sup> Ninth, tenth, and eleventh divisions.*Teachers of manual training.*

|  | White.   | Colored. | Total    |
|--|----------|----------|----------|
| Carpentry and metal working .....  | 18       | 8        | 26       |
| Cooking .....  | 13       | 5        | 18       |
| Sewing .....   | 16       | 10       | 26       |
| Average salary paid:   |          |          |          |
| Carpentry and metal working .....  | \$468.33 | \$784.37 | \$626.35 |
| Cooking .....  | \$613.89 | \$640.00 | \$626.95 |
| Sewing .....   | \$575.35 | \$585.00 | \$580.18 |
| Average cost per pupil for manual training (estimated on average enrollment) ..... | \$1.27   | \$1.23   | \$1.26   |

<sup>1</sup> Including one teacher in the first eight divisions.

TABLE IV.—Enrollment of colored pupils in District of Columbia, by grades, for the school year ended June 30, 1900.

| Grade.                  | Whole enrollment. |        |        |           |
|-------------------------|-------------------|--------|--------|-----------|
|                         | Boys.             | Girls. | Total. | Per cent. |
| Normal school           | 18                | 94     | 112    | 0.73      |
| High school             | 198               | 506    | 704    | 4.61      |
| Eighth grade            | 228               | 384    | 612    | 4.01      |
| Seventh grade           | 309               | 501    | 810    | 5.31      |
| Sixth grade             | 433               | 651    | 1,084  | 7.10      |
| Fifth grade             | 623               | 861    | 1,484  | 9.73      |
| Fourth grade            | 740               | 1,040  | 1,780  | 11.67     |
| Third grade             | 985               | 1,145  | 2,130  | 13.96     |
| Second grade            | 1,055             | 1,200  | 2,255  | 14.78     |
| First grade             | 1,783             | 2,019  | 3,802  | 24.92     |
| Kindergarten            | 209               | 276    | 485    | 3.18      |
| Total                   | 6,581             | 8,677  | 15,258 | 100.00    |
| SUMMARY.                |                   |        |        |           |
| Normal and high schools | 216               | 600    | 816    | 5.34      |
| Elementary schools      | 1,593             | 2,397  | 3,990  | 26.15     |
| Kindergartens           | 209               | 276    | 485    | 3.18      |
| Total                   | 6,581             | 8,677  | 15,258 | 100.00    |

Owned and rented buildings used by the schools during the school year ended June 30, 1900.

| Divisions   | Buildings. <sup>1</sup> |         |        | Rooms. <sup>1</sup> |         |        |
|-------------|-------------------------|---------|--------|---------------------|---------|--------|
|             | Owned.                  | Rented. | Total. | Owned.              | Rented. | Total. |
| First       | 8                       | —       | 8      | 78                  | —       | 78     |
| Second      | 8                       | 2       | 10     | 77                  | 2       | 79     |
| Third       | 9                       | 1       | 10     | 78                  | 2       | 80     |
| Fourth      | 6                       | 1       | 7      | 56                  | 2       | 58     |
| Fifth       | 11                      | 2       | 13     | 76                  | 5       | 81     |
| Sixth       | 10                      | 4       | 14     | 74                  | 4       | 78     |
| Seventh     | —                       | —       | —      | —                   | —       | —      |
| White       | 10                      | 1       | 11     | 57                  | 1       | 58     |
| Colored     | 9                       | —       | 9      | 36                  | —       | 36     |
| Eighth      | —                       | —       | —      | —                   | —       | —      |
| White       | 9                       | 1       | 10     | 53                  | 2       | 55     |
| Colored     | 6                       | —       | 6      | 22                  | —       | 22     |
| Total       | 86                      | 12      | 98     | 607                 | 18      | 625    |
| Ninth       | 7                       | 1       | 8      | 70                  | 10      | 80     |
| Tenth       | 8                       | 2       | 10     | 70                  | 10      | 80     |
| Eleventh    | 8                       | —       | 8      | 67                  | —       | 67     |
| Total       | 23                      | 3       | 26     | 207                 | 20      | 227    |
| Grand total | 109                     | 15      | 124    | 814                 | 38      | 852    |
| White       | 71                      | 12      | 83     | 549                 | 18      | 567    |
| Colored     | 38                      | 3       | 41     | 265                 | 20      | 285    |
| Total       | 109                     | 15      | 124    | 814                 | 38      | 852    |

<sup>1</sup>Excluding high schools.



## Free text-books and supplies.

|  | Quantity. | Cost.    |   | Quantity. | Cost.     |
|--|-----------|----------|---|-----------|-----------|
| BOOKS.   |           |          | books—continued.                        |           |           |
| Aesop's Fables.....                            | 1,020     | \$233.75 | Story of Daughters.....                 | 700       | \$3.00    |
| Algebra, Wentworth's School.....               | 180       | 436.45   | Word and Sentence Book.....             | 2,400     | 97.75     |
| Analysis, Swinton's Word.....                  | 201       | 48.14    | Total.....                              |           | 19.75     |
| Arithmetic:                                    |           |          | SUPPLIES.                               |           |           |
| Advanced, Cook & Cropsey.....                  | 924       | 331.08   | Baskets.....                            | 1         | 1.80      |
| Elements of Milne.....                         | 396       | 50.04    | Book covers.....                        | 3,300     | 49.40     |
| Elementary, Speer's.....                       | 528       | 196.80   | Buttons for bags.....                   | 10        | 14.00     |
| Advanced, Speer's.....                         | 192       | 78.72    | Chalk, crayons.....                     | 9,200     | 312.00    |
| Standard, Milne.....                           | 3,444     | 1,768.89 | Clay.....                               | 165       | 190.50    |
| Arithmetic reader.....                         | 1,752     | 298.31   | Cloth, children.....                    | 35        | 6.88      |
| For second grade.....                          | 2,052     | 424.00   | Colors.....                             | 3,740     | 681.00    |
| For third grade.....                           | 144       | 264.00   | Do.....                                 | 37,300    | 1,160.00  |
| Birds of Washington.....                       | 168       | 126.00   | Cotton thread.....                      | 6         | 75        |
| Civil Government, Fiske.....                   | 768       | 184.32   | Glue, Le Page's.....                    | 400       | 116.00    |
| Child's Health Primer.....                     | 1,400     | 36.00    | Ink.....                                | 3,400     | 64.00     |
| Copy Books.....                                | 384       | 364.80   | Lentils.....                            | 230       | 25        |
| Dictionary, Comprehensive.....                 | 6         | 61.00    | Modeling tools.....                     | 30        | 27.00     |
| Dictionary, Unabridged, Webster's.....         | 136       | 104.96   | Models, No. 20.....                     | 38        | 60.25     |
| Essentials of Health.....                      | 792       | 89.40    | Models, No. 21.....                     | 32        | 48.00     |
| Evangeline.....                                | 1,368     | 1,402.76 | Muchage.....                            | 298       | 140.75    |
| Geography:                                     |           |          | Paper.....                              |           |           |
| Complete, Frye.....                            | 1,032     | 1,640.72 | Color.....                              | 3,400     | 504.00    |
| Complete, Redway.....                          | 60        | 28.75    | Cardboard.....                          | 20,000    | 204.00    |
| Elementary, Frye.....                          | 732       | 350.75   | Blocks.....                             | 60,000    | 1,410.00  |
| Primary, Redway.....                           | 12        | 5.25     | Composition, No. 1.....                 | 23,034    | 1,180.00  |
| Our Own Country.....                           | 12        | 6.30     | Composition, No. 2.....                 | 22,025    | 1,180.00  |
| Our American Neighbors.....                    | 96        | 76.40    | Composition, No. 3.....                 | 34,808    | 1,880.00  |
| Geology, Shaler.....                           | 144       | 86.40    | Drawing.....                            | 2,034     | 1,007.08  |
| Government and Administration, Willoughby..... | 48        | 27.60    | Do.....                                 | 36,968    | 774.75    |
| Grammar, Karl.....                             | 372       | 111.60   | Examination.....                        | 3,404.2   | 1,000.00  |
| Hans Andersen's Stories.....                   | 240       | 192.00   | Practice.....                           | 19,846    | 2,400.00  |
| History:                                       |           |          | Wrapping.....                           | 100       | 60.00     |
| Barnes.....                                    | 288       | 216.00   | Pegs.....                               | 6         | 30        |
| Fiske.....                                     | 708       | 580.20   | Pencils.....                            | 600       | 60.00     |
| McMaster.....                                  | 720       | 580.68   | Drawing.....                            | 1,000     | 1,000.00  |
| Montgomery.....                                | 84        | 68.04    | Washing tone, Public School.....        | 1,000     | 1,000.00  |
| Hygiene for Young People.....                  | 352       | 224.00   | Penholders.....                         | 300       | 180.00    |
| Legend of Sleepy Hollow.....                   | 1,044     | 26.10    | Pens.....                               | 5,000     | 1,000.00  |
| Miles Standish.....                            | 660       | 74.25    | Pointers, blackboard.....               | 10        | 8.00      |
| Music:   |           |          | Robbers.....                            |           |           |
| First Book in Music.....                       | 5,040     | 1,260.00 | Blackboard.....                         | 331       | 100.00    |
| Normal First Reader.....                       | 1,128     | 291.50   | Erasers.....                            | 400       | 100.00    |
| Normal Second Reader—                          |           |          | Rulers, plain edge.....                 | 825       | 172.60    |
| Part I.....                                    | 684       | 198.82   | Scissors.....                           | 30        | 60.00     |
| Part II.....                                   | 326       | 97.25    | Splints.....                            | 9         | 1.50      |
| Normal Third Reader.....                       | 72        | 35.00    | Squares.....                            | 60        | 12.00     |
| Mason Third Reader.....                        | 1,200     | 117.48   | Sundries for busy work.....             | 60        | 3.75      |
| Mason Second Reader.....                       | 720       | 234.10   | Twine.....                              | 6         | 1.00      |
| Pamphlets.....                                 | 2,000     | 148.20   | Wands.....                              | 72        | 9.72      |
| Old Greek Stories.....                         | 408       | 146.54   | Weaving mats.....                       |           |           |
| Reader:  |           |          | Total.....                              |           | 21,228.20 |
| Franklin—                                      |           |          | ADDITIONAL EXPENSES.                    |           |           |
| Primer and First.....                          | 318       | 60.29    | Salary of custodian.....                |           | 950.00    |
| Second.....                                    | 1,839     | 736.34   | Hauling and labor.....                  |           | 572.00    |
| Third.....                                     | 2,121     | 860.34   | Blank books, printing, and binding..... |           | 120.00    |
| Fourth.....                                    | 2,121     | 1,031.80 | Hand stamp and ink.....                 |           | 2.00      |
| Normal—  |           |          | Total.....                              |           | 1,452.00  |
| First.....                                     | 1,140     | 285.80   | Grand total.....                        |           | 42,400.00 |
| Second.....                                    | 1,896     | 575.10   |   |           |           |
| Third.....                                     | 1,188     | 457.38   |   |           |           |
| Fourth.....                                    | 2,208     | 1,083.36 |   |           |           |
| Fifth.....                                     | 456       | 304.00   |   |           |           |
| Snow Bound.....                                | 576       | 67.25    |   |           |           |

The number of pupils enrolled in the eight grades that were supplied with free books was 41,650, making the cost per pupil for all books and supplies \$1.019, and the cost for books alone \$0.473.

The cost for books was distributed as follows:

| Grade.       | Number of pupils. | Total cost. | Average cost per pupil. |
|--------------|-------------------|-------------|-------------------------|
| First.....   | 8,849             | \$366.17    | \$0.041                 |
| Second.....  | 6,067             | 1,657.48    | .273                    |
| Third.....   | 6,130             | 2,245.35    | .366                    |
| Fourth.....  | 5,510             | 2,850.00    | .517                    |
| Fifth.....   | 4,881             | 4,727.75    | .968                    |
| Sixth.....   | 4,028             | 3,509.00    | .871                    |
| Seventh..... | 3,322             | 2,403.11    | .723                    |
| Eighth.....  | 2,863             | 1,959.47    | .688                    |
| Total.....   | 41,650            | 19,718.33   | .473                    |

The cost for supplies and miscellaneous items was distributed as follows:

| Grade.       | Number of pupils. | Total cost. | Average cost per pupil. |
|--------------|-------------------|-------------|-------------------------|
| First.....   | 8,849             | \$1,758.20  | \$0.537                 |
| Second.....  | 6,067             | 3,635.79    | .599                    |
| Third.....   | 6,130             | 4,276.47    | .697                    |
| Fourth.....  | 5,510             | 2,151.91    | .390                    |
| Fifth.....   | 4,881             | 2,557.75    | .524                    |
| Sixth.....   | 4,028             | 2,110.93    | .524                    |
| Seventh..... | 3,322             | 1,770.57    | .532                    |
| Eighth.....  | 2,863             | 1,520.05    | .530                    |
| Total.....   | 41,650            | 22,781.67   | .546                    |

The cost for books, supplies, and miscellaneous items was distributed as follows:

| Grade.       | Number of pupils. | Total cost. | Average cost per pupil. |
|--------------|-------------------|-------------|-------------------------|
| First.....   | 8,849             | \$5,124.37  | \$0.578                 |
| Second.....  | 6,067             | 5,293.27    | .872                    |
| Third.....   | 6,130             | 6,521.82    | 1.063                   |
| Fourth.....  | 5,510             | 5,001.91    | .907                    |
| Fifth.....   | 4,881             | 7,285.50    | 1.492                   |
| Sixth.....   | 4,028             | 5,619.93    | 1.395                   |
| Seventh..... | 3,322             | 4,173.68    | 1.255                   |
| Eighth.....  | 2,863             | 3,479.52    | 1.218                   |
| Total.....   | 41,650            | 42,500.00   | 1.019                   |

*Cost of all free text-books and supplies, including miscellaneous expenses, by grades, for each year.*

| Year.         | Number of pupils. | Total cost. | Average cost per pupil. | Year.              | Number of pupils. | Total cost. | Average cost per pupil. |
|---------------|-------------------|-------------|-------------------------|--------------------|-------------------|-------------|-------------------------|
| FIRST GRADE.  |                   |             |                         | SECOND GRADE—COOL. |                   |             |                         |
| 1892.....     | 8,005             | \$5,748.33  | \$0.718                 | 1895.....          | 5,921             | \$3,060.98  | \$0.517                 |
| 1893.....     | 8,076             | 2,163.90    | .268                    | 1896.....          | 6,099             | 4,740.98    | .779                    |
| 1894.....     | 8,116             | 3,175.17    | .375                    | 1897.....          | 6,196             | 5,333.27    | .859                    |
| 1895.....     | 8,148             | 3,464.01    | .425                    | 1898.....          | 6,472             | 6,392.34    | .987                    |
| 1896.....     | 8,172             | 4,254.93    | .502                    | 1899.....          | 6,310             | 4,596.57    | .728                    |
| 1897.....     | 8,175             | 3,889.95    | .459                    | 1900.....          | 6,067             | 5,293.27    | .872                    |
| 1898.....     | 8,919             | 5,573.50    | .623                    | THIRD GRADE.       |                   |             |                         |
| 1899.....     | 8,849             | 4,264.47    | .481                    | 1892.....          | 5,390             | 6,480.37    | 1.202                   |
| 1900.....     | 8,849             | 5,124.37    | .578                    | 1893.....          | 5,223             | 2,555.83    | .489                    |
| SECOND GRADE. |                   |             |                         | 1894.....          | 5,153             | 2,651.40    | .514                    |
| 1892.....     | 5,814             | 3,385.01    | .582                    | 1895.....          | 5,608             | 5,903.89    | 1.053                   |
| 1893.....     | 5,901             | 1,883.16    | .318                    | 1896.....          | 5,687             | 3,857.10    | .678                    |
| 1894.....     | 6,014             | 2,738.26    | .455                    | 1897.....          | 5,808             | 3,737.62    | .643                    |

*Cost of all free text-books and supplies, including miscellaneous expenses, by grades, for each year—Continued.*

| Year.            | Num-<br>ber of<br>pupils. | Total cost. | Average<br>cost per<br>pupil. | Year.          | Num-<br>ber of<br>pupils. | Total cost. | Average<br>cost per<br>pupil. |
|------------------|---------------------------|-------------|-------------------------------|----------------|---------------------------|-------------|-------------------------------|
| THIRD GRADE—CON. |                           |             |                               | SIXTH GRADE.   |                           |             |                               |
| 1898.....        | 5,761                     | \$4,602.52  | \$0.798                       | 1893.....      | 3,548                     | \$15,407.45 | \$4.32                        |
| 1899.....        | 6,053                     | 4,937.73    | .815                          | 1894.....      | 3,598                     | 2,922.79    | .81                           |
| 1900.....        | 6,130                     | 6,521.82    | 1.063                         | 1895.....      | 3,945                     | 2,806.37    | .71                           |
| FOURTH GRADE.    |                           |             |                               | 1896.....      | 3,900                     | 7,894.70    | 2.00                          |
| 1892.....        | 4,877                     | 9,165.19    | 1.879                         | 1897.....      | 3,767                     | 4,775.78    | 1.26                          |
| 1893.....        | 5,011                     | 2,549.24    | .508                          | 1898.....      | 4,021                     | 7,223.02    | 1.79                          |
| 1894.....        | 4,776                     | 2,490.98    | .515                          | 1899.....      | 3,994                     | 6,923.13    | 1.74                          |
| 1895.....        | 4,725                     | 3,179.00    | .673                          | 1900.....      | 4,028                     | 5,619.93    | 1.39                          |
| 1896.....        | 5,055                     | 3,619.89    | .716                          | SEVENTH GRADE. |                           |             |                               |
| 1897.....        | 5,150                     | 6,840.81    | 1.328                         | 1894.....      | 2,986                     | 15,738.94   | 5.27                          |
| 1898.....        | 5,426                     | 5,185.45    | 1.010                         | 1895.....      | 3,145                     | 3,735.79    | 1.18                          |
| 1899.....        | 5,375                     | 5,536.40    | 1.030                         | 1896.....      | 3,199                     | 4,342.00    | 1.37                          |
| 1900.....        | 5,510                     | 5,004.91    | 0.907                         | 1897.....      | 3,179                     | 4,263.37    | 1.34                          |
| FIFTH GRADE.     |                           |             |                               | 1898.....      | 3,163                     | 3,927.03    | 1.24                          |
| 1893.....        | 4,357                     | 9,835.50    | 2.257                         | 1899.....      | 3,272                     | 5,111.45    | 1.56                          |
| 1894.....        | 4,602                     | 3,037.87    | .660                          | 1900.....      | 3,322                     | 4,173.68    | 1.25                          |
| 1895.....        | 4,738                     | 3,966.63    | .834                          | EIGHTH GRADE.  |                           |             |                               |
| 1896.....        | 4,404                     | 3,008.22    | .681                          | 1894.....      | 2,570                     | 14,594.87   | 5.68                          |
| 1897.....        | 4,656                     | 5,165.65    | 1.109                         | 1895.....      | 2,685                     | 3,497.85    | 1.27                          |
| 1898.....        | 4,743                     | 4,117.65    | .868                          | 1896.....      | 2,658                     | 3,229.53    | 1.21                          |
| 1899.....        | 4,809                     | 5,696.24    | 1.184                         | 1897.....      | 2,731                     | 3,858.04    | 1.41                          |
| 1900.....        | 4,881                     | 7,285.50    | 1.492                         | 1898.....      | 2,892                     | 2,675.06    | .92                           |
|                  |                           |             |                               | 1899.....      | 2,747                     | 3,240.32    | 1.18                          |
|                  |                           |             |                               | 1900.....      | 2,863                     | 3,479.52    | 1.21                          |

*Cost of free text-books, by grades, for each year.*

| Year.         | Num-<br>ber of<br>pupils. | Total cost. | Average<br>cost per<br>pupil. | Year.             | Num-<br>ber of<br>pupils. | Total cost. | Average<br>cost per<br>pupil. |
|---------------|---------------------------|-------------|-------------------------------|-------------------|---------------------------|-------------|-------------------------------|
| FIRST GRADE.  |                           |             |                               | FOURTH GRADE—CON. |                           |             |                               |
| 1892.....     | 8,005                     | \$3,554.95  | \$0.44                        | 1900.....         | 5,510                     | \$2,830.00  | \$0.51                        |
| 1893.....     | 8,076                     | 134.84      | .017                          | FIFTH GRADE.      |                           |             |                               |
| 1894.....     | 8,446                     | 501.36      | .059                          | 1893.....         | 4,657                     | 6,684.67    | 1.43                          |
| 1895.....     | 8,148                     | 744.94      | .091                          | 1894.....         | 4,702                     | 346.50      | .07                           |
| 1896.....     | 8,472                     | 985.45      | .116                          | 1895.....         | 4,538                     | 2,235.35    | .49                           |
| 1897.....     | 8,475                     | 768.39      | .091                          | 1896.....         | 4,404                     | 909.88      | .20                           |
| 1898.....     | 8,949                     | 1,797.21    | .201                          | 1897.....         | 4,656                     | 2,992.28    | .64                           |
| 1899.....     | 8,849                     |             |                               | 1898.....         | 4,743                     | 1,925.77    | .40                           |
| 1900.....     | 8,849                     | 366.17      | .041                          | 1899.....         | 4,809                     | 2,767.70    | .57                           |
| SECOND GRADE. |                           |             |                               | 1900.....         | 4,881                     | 4,727.75    | .96                           |
| 1892.....     | 5,814                     | 1,793.70    | .308                          | SIXTH GRADE.      |                           |             |                               |
| 1893.....     | 5,904                     | 48.65       | .008                          | 1893.....         | 3,548                     | 12,796.60   | 3.58                          |
| 1894.....     | 6,014                     | 498.28      | .082                          | 1894.....         | 3,598                     | 768.74      | .21                           |
| 1895.....     | 5,921                     | 1,221.36    | .206                          | 1895.....         | 3,945                     | 1,314.56    | .33                           |
| 1896.....     | 6,099                     | 1,287.31    | .211                          | 1896.....         | 3,900                     | 5,961.83    | 1.52                          |
| 1897.....     | 6,196                     | 1,796.20    | .280                          | 1897.....         | 3,767                     | 2,891.50    | .76                           |
| 1898.....     | 6,472                     | 2,518.52    | .389                          | 1898.....         | 4,021                     | 5,363.16    | 1.33                          |
| 1899.....     | 6,310                     | 612.50      | .097                          | 1899.....         | 3,994                     | 4,471.57    | 1.12                          |
| 1900.....     | 6,067                     | 1,657.48    | .273                          | 1900.....         | 4,028                     | 3,509.00    | .87                           |
| THIRD GRADE.  |                           |             |                               | SEVENTH GRADE.    |                           |             |                               |
| 1892.....     | 5,390                     | 4,209.92    | .781                          | 1894.....         | 2,986                     | 14,198.90   | 4.75                          |
| 1893.....     | 5,223                     | 207.24      | .040                          | 1895.....         | 3,145                     | 2,300.78    | .74                           |
| 1894.....     | 5,153                     | 507.56      | .098                          | 1896.....         | 3,199                     | 3,145.02    | .98                           |
| 1895.....     | 5,608                     | 3,767.94    | .672                          | 1897.....         | 3,179                     | 2,656.13    | .83                           |
| 1896.....     | 5,687                     | 1,421.96    | .250                          | 1898.....         | 3,163                     | 2,223.31    | .70                           |
| 1897.....     | 5,808                     | 1,097.78    | .189                          | 1899.....         | 3,272                     | 3,160.31    | .96                           |
| 1898.....     | 5,761                     | 1,608.65    | .279                          | 1900.....         | 3,322                     | 2,403.11    | .72                           |
| 1899.....     | 6,053                     | 1,727.46    | .285                          | EIGHTH GRADE.     |                           |             |                               |
| 1900.....     | 6,130                     | 2,245.35    | .366                          | 1894.....         | 2,570                     | 13,143.70   | 5.11                          |
| FOURTH GRADE. |                           |             |                               | 1895.....         | 2,685                     | 1,663.81    | .61                           |
| 1892.....     | 4,877                     | 7,670.16    | 1.573                         | 1896.....         | 2,658                     | 2,094.15    | .78                           |
| 1893.....     | 5,011                     | 249.87      | .049                          | 1897.....         | 2,731                     | 2,588.38    | .94                           |
| 1894.....     | 4,776                     | 489.27      | .102                          | 1898.....         | 2,892                     | 1,063.26    | .37                           |
| 1895.....     | 4,725                     | 1,301.34    | .275                          | 1899.....         | 2,747                     | 1,584.53    | .57                           |
| 1896.....     | 5,055                     | 1,673.12    | .330                          | 1900.....         | 2,863                     | 1,959.47    | .68                           |
| 1897.....     | 5,150                     | 3,738.42    | .726                          |                   |                           |             |                               |
| 1898.....     | 5,426                     | 2,802.37    | .516                          |                   |                           |             |                               |
| 1899.....     | 5,375                     | 2,685.84    | .500                          |                   |                           |             |                               |

*Cost of free supplies and of miscellaneous expenses, by grades, for each year.*

| Year.         | Number of pupils. | Total cost. | Average cost per pupil. | Year.                   | Number of pupils. | Total cost. | Average cost per pupil. |
|---------------|-------------------|-------------|-------------------------|-------------------------|-------------------|-------------|-------------------------|
| FIRST GRADE.  |                   |             |                         | FOURTH GRADE—continued. |                   |             |                         |
| 1891          | 8,005             | \$1,793.00  | \$0.224                 | 1899                    | 5,375             | \$2,850.76  | \$0.530                 |
| 1892          | 8,076             | 2,029.06    | .251                    | 1900                    | 5,500             | 2,151.91    | .390                    |
| 1893          | 8,446             | 2,674.81    | .316                    | FIFTH GRADE.            |                   |             |                         |
| 1894          | 8,148             | 2,719.07    | .334                    | 1893                    | 4,657             | 3,150.83    | .724                    |
| 1895          | 8,472             | 3,269.48    | .386                    | 1894                    | 4,602             | 2,691.37    | .585                    |
| 1896          | 8,475             | 3,121.56    | .368                    | 1895                    | 4,538             | 1,711.28    | .377                    |
| 1897          | 8,949             | 3,776.29    | .422                    | 1896                    | 4,404             | 2,098.34    | .476                    |
| 1898          | 8,849             | 4,261.17    | .481                    | 1897                    | 4,656             | 2,172.37    | .466                    |
| 1899          | 8,849             | 4,758.20    | .537                    | 1898                    | 4,743             | 2,191.88    | .462                    |
| SECOND GRADE. |                   |             |                         | 1899                    | 4,809             | 2,928.54    | .609                    |
| 1892          | 5,814             | 1,591.31    | .274                    | 1900                    | 4,881             | 2,557.75    | .524                    |
| 1893          | 5,901             | 1,834.51    | .310                    | SIXTH GRADE.            |                   |             |                         |
| 1894          | 6,014             | 2,239.98    | .372                    | 1893                    | 3,548             | 2,610.85    | .726                    |
| 1895          | 5,921             | 1,839.62    | .311                    | 1894                    | 3,598             | 2,154.05    | .599                    |
| 1896          | 6,099             | 3,453.64    | .564                    | 1895                    | 3,945             | 1,471.81    | .373                    |
| 1897          | 6,196             | 3,597.07    | .580                    | 1896                    | 3,900             | 1,842.87    | .472                    |
| 1898          | 6,472             | 3,873.82    | .598                    | 1897                    | 3,767             | 1,884.28    | .500                    |
| 1899          | 6,310             | 3,984.07    | .631                    | 1898                    | 4,021             | 1,887.41    | .469                    |
| 1900          | 6,067             | 3,635.79    | .599                    | 1899                    | 3,991             | 2,451.56    | .614                    |
| THIRD GRADE.  |                   |             |                         | 1900                    | 4,028             | 2,110.93    | .524                    |
| 1892          | 5,390             | 2,270.45    | .421                    | SEVENTH GRADE.          |                   |             |                         |
| 1893          | 5,223             | 2,348.59    | .449                    | 1894                    | 2,986             | 1,630.04    | .546                    |
| 1894          | 5,153             | 2,143.84    | .416                    | 1895                    | 3,145             | 1,435.01    | .464                    |
| 1895          | 5,608             | 2,135.95    | .381                    | 1896                    | 3,199             | 1,196.98    | .374                    |
| 1896          | 5,687             | 2,435.44    | .428                    | 1897                    | 3,179             | 1,607.24    | .505                    |
| 1897          | 5,808             | 2,639.84    | .454                    | 1898                    | 3,163             | 1,703.72    | .538                    |
| 1898          | 5,761             | 2,993.87    | .519                    | 1899                    | 3,272             | 1,951.14    | .596                    |
| 1899          | 6,053             | 3,210.27    | .530                    | 1900                    | 3,322             | 1,770.57    | .532                    |
| 1900          | 6,130             | 4,276.47    | .697                    | EIGHTH GRADE.           |                   |             |                         |
| FOURTH GRADE. |                   |             |                         | 1894                    | 2,570             | 1,451.17    | .564                    |
| 1892          | 4,877             | 1,495.03    | .306                    | 1895                    | 2,685             | 1,834.04    | .670                    |
| 1893          | 5,011             | 2,299.37    | .459                    | 1896                    | 2,658             | 1,135.38    | .427                    |
| 1894          | 4,776             | 1,971.71    | .413                    | 1897                    | 2,731             | 1,269.66    | .465                    |
| 1895          | 4,725             | 1,877.66    | .398                    | 1898                    | 2,892             | 1,581.80    | .547                    |
| 1896          | 5,055             | 1,946.77    | .385                    | 1899                    | 2,747             | 1,625.79    | .592                    |
| 1897          | 5,150             | 3,102.39    | .602                    | 1900                    | 2,863             | 1,520.05    | .530                    |
| 1898          | 5,426             | 2,683.08    | .494                    |                         |                   |             |                         |

TABLE V.—*Growth of the schools since the year 1880.*

| School year ending June 30— | Average number of pupils enrolled. |                       |                                       |                       |         |                       |
|-----------------------------|------------------------------------|-----------------------|---------------------------------------|-----------------------|---------|-----------------------|
|                             | First eight divisions.             |                       | Ninth, tenth, and eleventh divisions. |                       | Total.  |                       |
|                             | Number.                            | Per cent of increase. | Number.                               | Per cent of increase. | Number. | Per cent of increase. |
| 1880                        | 15,027                             | .....                 | 6,573                                 | .....                 | 21,600  | .....                 |
| 1881                        | 15,494                             | 3.10                  | 6,567                                 | 10.09                 | 22,061  | 2.13                  |
| 1882                        | 16,063                             | 3.60                  | 6,763                                 | 2.98                  | 22,826  | 3.46                  |
| 1883                        | 16,524                             | 2.80                  | 7,070                                 | 4.53                  | 23,594  | 3.36                  |
| 1884                        | 16,642                             | .71                   | 7,225                                 | 2.19                  | 23,867  | 1.11                  |
| 1885                        | 17,468                             | 4.90                  | 7,689                                 | 6.42                  | 25,157  | 5.40                  |
| 1886                        | 18,720                             | 7.10                  | 8,191                                 | 6.52                  | 26,911  | 6.97                  |
| 1887                        | 19,285                             | 3.00                  | 8,448                                 | 3.13                  | 27,733  | 3.05                  |
| 1888                        | 19,762                             | 2.40                  | 8,791                                 | 4.06                  | 28,553  | 2.95                  |
| 1889                        | 20,477                             | 3.60                  | 9,088                                 | 3.37                  | 29,565  | 3.54                  |
| 1890                        | 21,077                             | 2.90                  | 9,289                                 | 2.21                  | 30,366  | 2.70                  |
| 1891                        | 21,599                             | 2.60                  | 9,702                                 | 4.25                  | 31,301  | 3.07                  |
| 1892                        | 22,264                             | 3.00                  | 9,942                                 | 2.47                  | 32,206  | 2.89                  |
| 1893                        | 22,395                             | .59                   | 10,097                                | 1.56                  | 32,492  | .89                   |
| 1894                        | 23,483                             | 4.85                  | 10,141                                | .43                   | 33,624  | 3.48                  |
| 1895                        | 23,798                             | 1.32                  | 10,046                                | 1.94                  | 33,844  | .65                   |
| 1896                        | 24,347                             | 2.26                  | 10,296                                | 2.48                  | 34,643  | 2.36                  |
| 1897                        | 25,261                             | 3.75                  | 10,420                                | 1.20                  | 35,681  | 2.99                  |
| 1898                        | 26,243                             | 3.88                  | 10,578                                | 1.51                  | 36,821  | 3.19                  |
| 1899                        | 26,742                             | 1.90                  | 10,171                                | 13.84                 | 36,913  | .25                   |
| 1900                        | 27,637                             | 3.34                  | 10,474                                | 2.97                  | 38,111  | 3.24                  |

<sup>1</sup> Decrease.

TABLE VI.—Average enrollment of pupils in the white and colored schools and the number of teachers employed for each year since the year 1880.

| School year ending<br>June 30— | Average enrollment.         |                             |  |                             |         |                             | Teachers                          |           |
|--------------------------------|-----------------------------|-----------------------------|--|-----------------------------|---------|-----------------------------|-----------------------------------|-----------|
|                                | First eight divi-<br>sions. |                             | Ninth, tenth, and<br>eleventh divisions. |                             | Total.  |                             | Whole<br>number<br>em-<br>ployed. | Increase. |
|                                | Number.                     | Per cent<br>of<br>increase. | Number.                                  | Per cent<br>of<br>increase. | Number. | Per cent<br>of<br>increase. |                                   |           |
| 1880.....                      | 15,027                      | .....                       | 6,573                                    | .....                       | 21,600  | .....                       | 431                               | .....     |
| 1881.....                      | 15,494                      | 3.10                        | 6,567                                    | 10.00                       | 22,061  | 2.13                        | 461                               | 23        |
| 1882.....                      | 16,063                      | 3.60                        | 6,763                                    | 2.98                        | 22,826  | 3.46                        | 485                               | 24        |
| 1883.....                      | 16,521                      | 2.80                        | 7,070                                    | 4.53                        | 23,591  | 3.36                        | 505                               | 20        |
| 1884.....                      | 16,642                      | .71                         | 7,225                                    | 2.19                        | 23,867  | 1.11                        | 525                               | 20        |
| 1885.....                      | 17,468                      | 4.90                        | 7,689                                    | 6.12                        | 25,157  | 5.40                        | 555                               | 30        |
| 1886.....                      | 18,720                      | 7.10                        | 8,191                                    | 6.52                        | 26,911  | 6.97                        | 595                               | 40        |
| 1887.....                      | 19,285                      | 3.00                        | 8,448                                    | 3.13                        | 27,733  | 3.05                        | 629                               | 24        |
| 1888.....                      | 19,762                      | 2.40                        | 8,791                                    | 4.06                        | 28,553  | 2.95                        | 654                               | 24        |
| 1889.....                      | 20,477                      | 3.60                        | 9,088                                    | 3.37                        | 29,565  | 3.54                        | 693                               | 59        |
| 1890.....                      | 21,077                      | 2.90                        | 9,289                                    | 2.21                        | 30,366  | 2.70                        | 745                               | 52        |
| 1891.....                      | 21,599                      | 2.60                        | 9,702                                    | 4.25                        | 31,301  | 3.07                        | 795                               | 50        |
| 1892.....                      | 22,264                      | 3.00                        | 9,942                                    | 2.47                        | 32,206  | 2.89                        | 845                               | 50        |
| 1893.....                      | 22,395                      | .59                         | 10,097                                   | 1.56                        | 32,492  | .89                         | 895                               | 50        |
| 1894.....                      | 23,483                      | 4.85                        | 10,141                                   | .43                         | 33,624  | 3.48                        | 942                               | 47        |
| 1895.....                      | 23,798                      | 1.32                        | 10,046                                   | 1.94                        | 33,844  | .65                         | 991                               | 49        |
| 1896.....                      | 24,347                      | 2.36                        | 10,296                                   | 2.48                        | 34,643  | 2.36                        | 1,031                             | 40        |
| 1897.....                      | 25,261                      | 3.75                        | 10,420                                   | 1.20                        | 35,681  | 2.99                        | 1,071                             | 40        |
| 1898.....                      | 26,243                      | 3.88                        | 10,578                                   | 1.51                        | 36,821  | 3.19                        | 1,107                             | 36        |
| 1899.....                      | 26,742                      | 1.90                        | 10,471                                   | 13.81                       | 36,913  | .25                         | 1,159                             | 42        |
| 1900.....                      | 27,637                      | 3.31                        | 10,474                                   | 2.97                        | 38,111  | 3.24                        | 1,226                             | 67        |

<sup>1</sup> Decrease.<sup>2</sup> Includes 16 kindergarten teachers.<sup>3</sup> Includes 48 kindergarten teachers.

TABLE VII.—Average enrollment of pupils, the number of teachers employed, the cost of tuition, and rates of increase for each year since 1880.

| School year ending<br>June 30— | Average enroll-<br>ment. |                             | Teachers.                |           | Cost (excluding rent and per-<br>manent improvements). |                      |                             |
|--------------------------------|--------------------------|-----------------------------|--------------------------|-----------|--|----------------------|-----------------------------|
|                                | Total.                   | Per cent<br>of<br>increase. | Number<br>em-<br>ployed. | Increase. | Per pupil<br>based on<br>average en-<br>roll-<br>ment. | Aggregate<br>amount. | Per cent<br>of<br>increase. |
|                                |                          |                             |                          |           |  |                      |                             |
| 1880.....                      | 21,600                   | .....                       | 431                      | .....     | \$16.95  | \$365,199.51         | .....                       |
| 1881.....                      | 22,061                   | 2.13                        | 461                      | 27        | 17.28  | 381,314.19           | 4.11                        |
| 1882.....                      | 22,826                   | 3.46                        | 485                      | 24        | 17.41  | 398,254.54           | 4.44                        |
| 1883.....                      | 23,591                   | 3.36                        | 505                      | 20        | 17.78  | 419,594.60           | 5.35                        |
| 1884.....                      | 23,867                   | 1.11                        | 525                      | 20        | 18.22  | 435,032.79           | 3.66                        |
| 1885.....                      | 25,157                   | 5.40                        | 555                      | 30        | 18.66  | 469,550.51           | 7.99                        |
| 1886.....                      | 26,911                   | 6.97                        | 595                      | 40        | 17.76  | 477,963.67           | 1.79                        |
| 1887.....                      | 27,733                   | 3.05                        | 629                      | 25        | 19.11  | 509,194.01           | 6.63                        |
| 1888.....                      | 28,553                   | 2.95                        | 654                      | 34        | 19.11  | 545,717.71           | 7.17                        |
| 1889.....                      | 29,565                   | 3.54                        | 693                      | 39        | 20.11  | 594,774.73           | 8.98                        |
| 1890.....                      | 30,366                   | 2.70                        | 745                      | 52        | 21.58  | 655,310.08           | 10.17                       |
| 1891.....                      | 31,301                   | 3.07                        | 795                      | 50        | 21.44  | 671,124.08           | 2.41                        |
| 1892.....                      | 32,206                   | 2.89                        | 845                      | 50        | 22.49  | 724,521.93           | 7.93                        |
| 1893.....                      | 32,492                   | .89                         | 895                      | 50        | 23.93  | 776,616.53           | 7.19                        |
| 1894.....                      | 33,624                   | 3.48                        | 942                      | 47        | 24.56  | 825,992.84           | 6.36                        |
| 1895.....                      | 33,844                   | .65                         | 991                      | 49        | 24.78  | 838,757.60           | 1.54                        |
| 1896.....                      | 34,643                   | 2.36                        | 1,031                    | 40        | 25.23  | 882,273.18           | 5.18                        |
| 1897.....                      | 35,681                   | 2.99                        | 1,071                    | 40        | 26.03  | 913,505.79           | 3.56                        |
| 1898.....                      | 36,821                   | 3.19                        | 1,107                    | 36        | 26.07  | 959,804.34           | 5.05                        |
| 1899.....                      | 36,913                   | .25                         | 1,159                    | 52        | 27.13  | 988,415.26           | 2.98                        |
| 1900.....                      | 38,111                   | 3.24                        | 1,226                    | 67        | 27.87  | 1,062,174.71         | 7.46                        |

<sup>1</sup> Includes 16 kindergarten teachers.<sup>2</sup> Includes 48 kindergarten teachers.

TABLE VIII.—*Whole enrollment of pupils in white and colored schools, the number of teachers employed, and the cost of tuition for each year since the year 1880.*

| Year ending June | Whole enrollment.      |                       |                                       |                       |           |                       | Teachers.              |           | Cost (excluding rent and permanent improvements). |                 |
|------------------|------------------------|-----------------------|---------------------------------------|-----------------------|-----------|-----------------------|------------------------|-----------|---|-----------------|
|                  | First eight divisions. |                       | Ninth, tenth, and eleventh divisions. |                       | Total.    |                       | Whole number employed. | Increase. | Per pupil based on whole enrollment.              | Average amount. |
|                  | Num. ber.              | Per cent of increase. | Num. ber.                             | Per cent of increase. | Num. ber. | Per cent of increase. |                        |           |   |                 |
| 1880             | 18,378                 |                       | 8,061                                 |                       | 26,439    |                       | 131                    |           | \$43.85   | \$266,190.51    |
| 1881             | 19,143                 | 1.24                  | 8,146                                 | 1.05                  | 27,289    | 3.25                  | 161                    | 27        | 13.96   | 381,311.19      |
| 1882             | 19,031                 | 0.63                  | 8,289                                 | 1.75                  | 27,320    | 0.07                  | 185                    | 24        | 11.57   | 398,251.54      |
| 1883             | 19,836                 | 4.22                  | 8,710                                 | 5.07                  | 28,546    | 4.48                  | 305                    | 20        | 11.69   | 419,501.60      |
| 1884             | 21,221                 | 6.98                  | 9,167                                 | 5.24                  | 30,388    | 6.45                  | 325                    | 20        | 11.31   | 435,032.79      |
| 1885             | 21,267                 | .21                   | 9,598                                 | 4.70                  | 30,865    | 1.56                  | 353                    | 30        | 15.21   | 469,550.51      |
| 1886             | 22,198                 | 4.37                  | 10,138                                | 5.62                  | 32,336    | 4.76                  | 535                    | 40        | 14.78   | 477,993.67      |
| 1887             | 23,075                 | 3.94                  | 10,345                                | 2.04                  | 33,418    | 3.34                  | 620                    | 25        | 15.23   | 509,191.01      |
| 1888             | 23,810                 | 3.19                  | 11,040                                | 6.71                  | 34,850    | 4.28                  | 654                    | 34        | 15.65   | 545,717.71      |
| 1889             | 24,991                 | 5.29                  | 11,170                                | 1.17                  | 35,761    | 2.62                  | 693                    | 39        | 16.62   | 591,771.73      |
| 1890             | 25,468                 | 3.33                  | 11,438                                | 2.39                  | 36,906    | 3.19                  | 745                    | 52        | 17.75   | 655,310.08      |
| 1891             | 26,254                 | 3.47                  | 12,132                                | 6.07                  | 38,386    | 4.01                  | 795                    | 50        | 17.48   | 671,121.08      |
| 1892             | 27,298                 | 3.96                  | 12,280                                | 1.24                  | 39,678    | 3.36                  | 845                    | 50        | 18.26   | 721,521.93      |
| 1893             | 27,435                 | .44                   | 12,329                                | .39                   | 39,764    | .22                   | 895                    | 50        | 19.53   | 776,616.53      |
| 1894             | 28,115                 | 2.68                  | 12,333                                | .04                   | 40,678    | 2.29                  | 942                    | 47        | 20.30   | 825,992.81      |
| 1895             | 29,078                 | 3.22                  | 12,479                                | 1.20                  | 41,557    | 2.16                  | 991                    | 49        | 20.18   | 838,757.60      |
| 1896             | 29,588                 | 1.75                  | 12,576                                | 3.26                  | 42,164    | 1.48                  | 1,031                  | 40        | 20.59   | 882,273.18      |
| 1897             | 30,141                 | 1.87                  | 12,854                                | 1.17                  | 42,995    | 1.25                  | 1,071                  | 40        | 21.60   | 913,565.79      |
| 1898             | 31,723                 | 5.24                  | 12,975                                | .94                   | 44,698    | 3.96                  | 1,107                  | 36        | 21.47   | 959,804.31      |
| 1899             | 32,796                 | 3.28                  | 12,794                                | 1.39                  | 45,590    | 1.92                  | 1,159                  | 52        | 21.98   | 988,415.26      |
| 1900             | 33,771                 | 3.06                  | 12,748                                | 0.45                  | 46,519    | 2.10                  | 1,226                  | 67        | 22.83   | 1,062,174.71    |

Do not

include 16 kindergarten teachers.

Includes 48 kindergarten teachers.

TABLE IX.—*Amount expended for rent and sites and buildings each year from the year 1880 to the year 1900, inclusive.*

| Year ending June 30— | Rent.       | Sites and buildings. | School year ending June 30— | Rent.      | Sites and buildings. |
|----------------------|-------------|----------------------|-----------------------------|------------|----------------------|
| 1880                 | \$28,908.35 | \$74,998.21          | 1891                        | \$9,892.00 | \$220,078.00         |
| 1881                 | 26,506.11   | 103,416.91           | 1892                        | 9,602.00   | 220,341.47           |
| 1882                 | 26,472.57   | 253,600.73           | 1893                        | 8,951.25   | 42,270.36            |
| 1883                 | 14,805.33   | 103,141.47           | 1894                        | 9,825.50   | 66,939.60            |
| 1884                 | 8,742.50    | 103,563.94           | 1895                        | 9,648.00   | 66,408.91            |
| 1885                 | 7,060.00    | 118,400.00           | 1896                        | 14,736.50  | 183,601.12           |
| 1886                 | 6,949.66    | 61,130.04            | 1897                        | 14,188.00  | 182,514.26           |
| 1887                 | 7,351.00    | 73,085.31            | 1898                        | 14,931.00  | 139,669.00           |
| 1888                 | 10,215.44   | 239,115.77           | 1899                        | 13,420.00  | 72,127.86            |
| 1889                 | 11,832.00   | 332,312.44           | 1900                        | 13,968.00  | 71,807.43            |
| 1890                 | 10,000.00   | 240,467.39           |                             |            |                      |

## FIRST EIGHT DIVISIONS.

The number of pupils enrolled during the year was 33,771—31,261 white and 2,510 colored. This is an increase of 1,005, or 3.06 per cent; white, 1,017, or 3.32 per cent; colored, decrease of 12, or 0.47 per cent decrease over the number registered last year.

The average enrollment was 27,637—25,747 white and 1,890 colored—being 8.95, or 3.34 per cent, in excess of that of the previous year.

The number of pupils in daily attendance was 25,591—23,852 white and 1,739 colored—being 1,099, or 4.48 per cent, greater than that of the preceding year.

The number of teachers, 874—white 814, colored 60—was distributed as follows:

*Per cent of teachers.*

|                                       | White. |         | Colored. |         | Total. |         |
|---------------------------------------|--------|---------|----------|---------|--------|---------|
|                                       | Male.  | Female. | Male.    | Female. | Male.  | Female. |
| Supervisors and special teachers..... | 3.20   | 6.29    | .....    | 0.11    | 3.20   | 6.40    |
| Normal schools.....                   | .....  | .92     | .....    | .....   | .....  | .92     |
| High schools.....                     | 1.23   | 8.42    | .....    | .....   | 1.23   | 8.42    |
| Grammar and primary schools.....      | 2.29   | 64.63   | 3.83     | 2.73    | 6.12   | 69.88   |
| Kindergartens.....                    | .....  | 1.43    | .....    | .16     | .....  | .16     |
| Total.....                            | 9.72   | 83.41   | 3.83     | 3.42    | 13.55  | 86.83   |

TABLE X.—Enrollment of pupils in the several kinds and grades of schools for the year ended June 30, 1900.

|                    |        |
|--------------------|--------|
| Normal school..... | 109    |
| High schools.....  | 2,713  |
| Total.....         | 2,822  |
| Grammar schools:   |        |
| Eighth grade.....  | 2,355  |
| Seventh grade..... | 2,643  |
| Sixth grade.....   | 3,145  |
| Fifth grade.....   | 3,644  |
| Total.....         | 11,787 |
| Primary schools:   |        |
| Fourth grade.....  | 4,039  |
| Third grade.....   | 4,414  |
| Second grade.....  | 4,165  |
| First grade.....   | 5,675  |
| Total.....         | 18,323 |
| Kindergartens..... | 829    |
| Grand total.....   | 33,771 |

TABLE XI.—Enrollment of pupils in the several kinds of schools for the school year ended June 30, 1900, compared with the enrollment of the previous year.

| Grade.             | Whole enrollment. |          |       | Increase. |
|--------------------|-------------------|----------|-------|-----------|
|                    | 1899-1900.        | 1898-99. |       |           |
| Normal school..... | 109               | 100      | 9     |           |
| High schools.....  | 2,713             | 2,579    | 134   |           |
| Total.....         | 2,822             | 2,679    | 143   |           |
| Grammar schools:   |                   |          |       |           |
| Eighth grade.....  | 2,355             | 2,241    | 108   |           |
| Seventh grade..... | 2,643             | 2,595    | 48    |           |
| Sixth grade.....   | 3,145             | 3,067    | 78    |           |
| Fifth grade.....   | 3,644             | 3,555    | 89    |           |
| Total.....         | 11,787            | 11,464   | 323   |           |
| Primary schools:   |                   |          |       |           |
| Fourth grade.....  | 4,039             | 3,859    | 180   |           |
| Third grade.....   | 4,414             | 4,276    | 138   |           |
| Second grade.....  | 4,165             | 4,260    | 95    |           |
| First grade.....   | 5,675             | 5,711    | 36    |           |
| Total.....         | 18,323            | 18,106   | 217   |           |
| Kindergarten.....  | 829               | 514      | 315   |           |
| Grand total.....   | 33,771            | 32,766   | 1,005 |           |

TABLE XII. — *Whole enrollment of white pupils within the city for the school year ended June 30, 1900.*

| Grade.                  | Whole enrollment. |        |        |           |
|-------------------------|-------------------|--------|--------|-----------|
|                         | Boys.             | Girls. | Total. | Per cent. |
| Normal school           | 2                 | 107    | 109    | .39       |
| High schools            | 1,108             | 1,605  | 2,713  | 9.93      |
| Eighth grade            | 839               | 1,101  | 1,940  | 7.10      |
| Seventh grade           | 978               | 1,231  | 2,209  | 8.08      |
| Sixth grade             | 1,192             | 1,437  | 2,629  | 9.62      |
| Fifth grade             | 1,431             | 1,538  | 2,969  | 10.87     |
| Fourth grade            | 1,620             | 1,627  | 3,247  | 11.88     |
| Third grade             | 1,719             | 1,687  | 3,406  | 12.47     |
| Second grade            | 1,641             | 1,484  | 3,125  | 11.44     |
| First grade             | 2,351             | 1,965  | 4,316  | 15.79     |
| Kindergarten            | 324               | 334    | 658    | 2.43      |
| Total                   | 13,205            | 14,116 | 27,321 | 100.00    |
| SUMMARY.                |                   |        |        |           |
| Normal and high schools | 1,110             | 1,712  | 2,822  | 10.32     |
| Summer schools          | 1,440             | 5,397  | 9,747  | 35.67     |
| Primary schools         | 7,331             | 6,763  | 14,094 | 51.58     |
| Kindergartens           | 324               | 334    | 658    | 2.43      |
| Total                   | 13,205            | 14,116 | 27,321 | 100.00    |

TABLE XIII. — *Whole enrollment of white pupils in the first eight divisions (city and county) for the school year ended June 30, 1900.*

| Grade.                  | Whole enrollment. |        |        |           |
|-------------------------|-------------------|--------|--------|-----------|
|                         | Boys.             | Girls. | Total. | Per cent. |
| Normal school           | 2                 | 107    | 109    | .35       |
| High schools            | 1,108             | 1,605  | 2,713  | 8.48      |
| Eighth grade            | 993               | 1,258  | 2,251  | 7.20      |
| Seventh grade           | 1,128             | 1,384  | 2,512  | 8.04      |
| Sixth grade             | 1,349             | 1,395  | 2,944  | 9.41      |
| Fifth grade             | 1,644             | 1,753  | 3,397  | 10.87     |
| Fourth grade            | 1,862             | 1,868  | 3,730  | 11.93     |
| Third grade             | 2,015             | 1,985  | 4,000  | 12.80     |
| Second grade            | 1,982             | 1,830  | 3,812  | 12.19     |
| First grade             | 2,714             | 2,333  | 5,047  | 16.14     |
| Kindergarten            | 357               | 389    | 746    | 2.39      |
| Total                   | 15,151            | 16,107 | 31,258 | 100.00    |
| SUMMARY.                |                   |        |        |           |
| Normal and high schools | 1,110             | 1,712  | 2,822  | 9.03      |
| Summer schools          | 5,114             | 5,990  | 11,104 | 35.52     |
| Primary schools         | 8,573             | 8,016  | 16,589 | 53.06     |
| Kindergartens           | 357               | 389    | 746    | 2.39      |
| Total                   | 15,151            | 16,107 | 31,258 | 100.00    |

TABLE XIV. — *Showing the whole enrollment of pupils (white and colored) in the first eight divisions (city and county) for the school year ended June 30, 1900.*

| Grade.                  | Whole enrollment. |        |        |           |
|-------------------------|-------------------|--------|--------|-----------|
|                         | Boys.             | Girls. | Total. | Per cent. |
| Normal school           | 2                 | 107    | 109    | .32       |
| High schools            | 1,108             | 1,605  | 2,713  | 8.04      |
| Eighth grade            | 1,040             | 1,315  | 2,355  | 6.97      |
| Seventh grade           | 1,187             | 1,456  | 2,643  | 7.83      |
| Sixth grade             | 1,441             | 1,704  | 3,145  | 9.31      |
| Fifth grade             | 1,756             | 1,888  | 3,644  | 10.79     |
| Fourth grade            | 2,002             | 2,037  | 4,039  | 11.96     |
| Third grade             | 2,217             | 2,227  | 4,444  | 13.16     |
| Second grade            | 2,143             | 2,022  | 4,165  | 12.33     |
| First grade             | 3,000             | 2,675  | 5,675  | 16.81     |
| Kindergarten            | 389               | 450    | 839    | 2.48      |
| Total                   | 16,285            | 17,486 | 33,771 | 100       |
| SUMMARY.                |                   |        |        |           |
| Normal and high schools | 1,110             | 1,712  | 2,822  | 8.36      |
| Summer schools          | 5,124             | 6,363  | 11,787 | 34.90     |
| Primary schools         | 9,362             | 8,961  | 18,323 | 54.26     |
| Kindergartens           | 389               | 450    | 839    | 2.48      |
| Total                   | 16,285            | 17,486 | 33,771 | 100       |



The number of schools below the high schools was as follows:

|  |     |
|--|-----|
| Grammar schools, city:                                     |     |
| Eighth grade.....  | 13  |
| Seventh grade.....   | 50  |
| Sixth grade.....   | 58  |
| Fifth grade.....   | 62  |
|  | 183 |
| Primary schools, city:                                     |     |
| Fourth grade.....  | 61  |
| Third grade.....   | 73  |
| Second grade.....  | 69  |
| First grade.....   | 82  |
|  | 285 |
| Kindergartens, city.....                                   | 42  |
| County schools:  |     |
| White.....   | 86  |
| Colored.....   | 55  |
|  | 141 |
| Kindergartens, county:                                     |     |
| White.....   | 2   |
| Colored.....   | 2   |
|  | 4   |
| Total.....   | 605 |
| Number of whole-day schools (white, 428; colored, 37)..... | 465 |
| Number of half-day schools (white, 166; colored, 18).....  | 184 |
| Number of kindergartens (white, 14; colored, 2).....       | 16  |
|  | 665 |

The average number of pupils to a school (based on the whole enrollment) was as follows:

|  |      |
|--|------|
| High schools (to a teacher, excluding director)..... | 23.4 |
| Eighth grade.....                                    | 35.6 |
| Seventh grade.....                                   | 35.2 |
| Sixth grade.....                                     | 36.8 |
| Fifth grade.....                                     | 40.6 |
| Fourth grade.....                                    | 41.1 |
| Third grade.....                                     | 40.3 |
| Second grade.....                                    | 37.9 |
| First grade.....                                     | 40.2 |
| Kindergarten.....                                    | 33.0 |
| County schools:                                      |      |
| White.....   | 34.7 |
| Colored.....   | 33.2 |
| Kindergartens:                                       |      |
| White.....   | 31.5 |
| Colored.....   | 25.5 |

#### TEACHERS.

Eight hundred seventy-four teachers—758 females and 116 males—were employed as follows:

|                             |     |
|-----------------------------|-----|
| Supervising principals..... | 13  |
| Normal school.....          | 8   |
| High schools.....           | 108 |
|                             | 129 |
| Grammar schools, city:      |     |
| Eighth grade.....           | 44  |
| Seventh grade.....          | 50  |
| Sixth grade.....            | 58  |
| Fifth grade.....            | 61  |
|                             | 213 |

## Primary schools, city:

|                    |    |     |
|--------------------|----|-----|
| Fourth grade ..... | 64 |     |
| Third grade .....  | 72 |     |
| Second grade ..... | 67 |     |
| First grade .....  | 80 |     |
|                    | —  | 283 |

## County schools:

|               |    |     |
|---------------|----|-----|
| White .....   | 89 |     |
| Colored ..... | 55 |     |
|               | —  | 144 |

## Kindergartens:

|                                     |    |    |
|-------------------------------------|----|----|
| City (white) .....                  | 26 |    |
| County (white, 4; colored, 4) ..... | 8  |    |
|                                     | —  | 34 |

|                                    |    |    |
|------------------------------------|----|----|
| Teachers of music .....            | 10 |    |
| Teachers of drawing .....          | 6  |    |
| Teachers of manual training .....  | 18 |    |
| Teachers of cooking .....          | 13 |    |
| Teachers of sewing .....           | 17 |    |
| Teachers of physical culture ..... | 6  |    |
| Librarian .....                    | 1  |    |
|                                    | —  | 71 |

Total (white—male, 85; female, 729; colored—male, 31; female, 29)..... 874

The cost of the schools for supervision and teaching was as follows:

## Supervision:

|  |            |
|--|------------|
| Superintendent .....   | \$3,600.00 |
| Assistant superintendent .....                                 | 2,000.00   |
| Eight supervising principals .....                             | 16,000.00  |
| One director of primary work .....                             | 1,500.00   |
| Three assistant directors, primary work .....                  | 2,450.00   |
| One librarian .....  | 695.00     |
| One clerk .....  | 1,200.00   |
| One messenger .....  | 300.00     |
| Total .....  | 27,745.00  |
| Cost per pupil, estimated on average enrollment (27,637) ..... | 1.00       |

## Elementary school:

|   |           |
|---|-----------|
| Principal .....   | 1,500.00  |
| Two training teachers .....                                 | 2,400.00  |
| Two practice teachers .....                                 | 2,000.00  |
| Three teachers .....  | 1,835.00  |
| Total .....   | 17,735.00 |
| Cost per pupil, estimated on average enrollment (104) ..... | 27.00     |

## High schools:

|   |            |
|---|------------|
| Director .....  | 2,500.00   |
| Four principals .....   | 6,000.00   |
| One hundred and four teachers .....                           | 91,595.00  |
| Total .....   | 100,095.00 |
| Cost per pupil, estimated on average enrollment (2,320) ..... | 43.14      |

## Grammar schools, city (44 eighth grade, 50 seventh grade, 58 sixth grade, and 62 fifth grade schools)

|   |            |
|---|------------|
| ..... <sup>2</sup>  | 176,847.50 |
| Cost per pupil, estimated on average enrollment (8,241) ..... | 21.54      |

<sup>1</sup>This includes the cost of teaching nine practice schools, \$4,926.14.

<sup>2</sup>To be increased by the cost of teaching one practice school, \$700.

|   |              |
|---|--------------|
| Primary schools, city (67 fourth grade, 73 third grade, 69 second grade, and 82 first grade schools).....     | \$150,088.93 |
| Cost per pupil, estimated on average enrollment (11,530).....   | 13.38        |
| County schools:   |              |
| White (89).....   | 55,948.17    |
| Colored (55).....   | 34,400.87    |
| Cost per pupil, estimated on average enrollment—  |              |
| White (3,092).....  | 18.09        |
| Colored (1,839).....  | 18.59        |
| Kindergartens:  |              |
| White, city.....  | 6,122.66     |
| White, county.....  | 925.00       |
| Colored, county.....  | 945.00       |
| Cost per pupil, estimated on average enrollment—  |              |
| White, city (397).....  | 15.42        |
| White, county (63).....   | 14.68        |
| Colored, county (51).....   | 18.52        |
| Special teachers (10 music teachers, 6 drawing teachers, and 6 teachers of physical culture).....             | 16,144.16    |
| Cost per pupil, estimated on average enrollment (27,637).....   | 58           |
| Teachers of manual training (6 of carpentry, 16; of metal working, 2; of cooking, 13, and of sewing, 17)..... | 33,206.14    |
| Cost per pupil, estimated on average enrollment (27,637).....   | 1.20         |
| Total cost per pupil, estimated on average enrollment.....  | 22.08        |

TABLE XIX.—Buildings and rooms occupied (owned and rented) in the first eight divisions at the close of the school year ended June 30, 1906 (excluding the high schools).

| Divisions.   | Buildings |         |        | Rooms  |         |        |
|--------------|-----------|---------|--------|--------|---------|--------|
|              | Owned.    | Rented. | Total. | Owned. | Rented. | Total. |
| First.....   | 8         | —       | 8      | 78     | —       | 78     |
| Second.....  | 8         | 2       | 10     | 77     | 2       | 79     |
| Third.....   | 9         | 1       | 10     | 78     | 2       | 80     |
| Fourth.....  | 6         | 1       | 7      | 56     | 2       | 58     |
| Fifth.....   | 11        | 2       | 13     | 76     | 9       | 85     |
| Sixth.....   | 10        | 1       | 11     | 71     | 1       | 72     |
| Seventh:     |           |         |        |        |         |        |
| White.....   | 10        | 1       | 11     | 57     | 1       | 58     |
| Colored..... | 9         | —       | 9      | 36     | —       | 36     |
| Eighth:      |           |         |        |        |         |        |
| White.....   | 9         | 1       | 10     | 53     | 2       | 55     |
| Colored..... | 6         | —       | 6      | 22     | —       | 22     |
| Total.....   | 86        | 12      | 98     | 607    | 18      | 625    |

#### NIGHT SCHOOLS.

The following table shows the facts of enrollment, attendance, and cost:

*Table showing facts relating to night schools.*

| School.               | Cost of teachers. | Whole number of persons enrolled during the year. | Average enrolled. | Average attendance. | Percent of attendance. | Number of sessions. | Number of teachers. |
|-----------------------|-------------------|---|-------------------|---------------------|------------------------|---------------------|---------------------|
| WHITE.                |                   |   |                   |                     |                        |                     |                     |
| High.....             | \$1,375.50        | 539   | 392               | 288                 | 87.2                   | 71                  | 9                   |
| Franklin.....         | 412.00            | 37  | 23                | 20                  | 88.9                   | 68                  | 2                   |
| Henry.....            | 377.50            | 55  | 24                | 20                  | 81.2                   | 68                  | 2                   |
| Wallace.....          | 511.00            | 93  | 50                | 37                  | 75.1                   | 68                  | 1                   |
| Jefferson.....        | 436.00            | 75  | 15                | 37                  | 82.0                   | 68                  | 3                   |
| Curtis.....           | 204.00            | 31  | 18                | 16                  | 89.6                   | 68                  | 1                   |
| Gault.....            | 204.00            | 51  | 19                | 16                  | 82.1                   | 68                  | 1                   |
| Gales.....            | 527.00            | 138   | 80                | 65                  | 81.4                   | 67                  | 1                   |
| Tenley.....           | 204.00            | 28  | 11                | 9                   | 80.3                   | 68                  | 1                   |
| Congress Heights..... | 90.00             | 28  | 11                | 8                   | 73.6                   | 28                  | 1                   |
| Total.....            | 4,404.00          | 1,078   | 673               | 516                 | 84.9                   | .....               | 30                  |

<sup>1</sup>To be increased by the cost of teaching eight practice schools, \$4,226.14.

Table showing facts relating to night schools—Continued.

| Schools.               | Cost of teachers. | Whole number of persons enrolled during the year. | Average enrolled. | Average attendance. | Percentage of attendance. | Number of sessions. | Number of teachers. |
|------------------------|-------------------|---|-------------------|---------------------|---------------------------|---------------------|---------------------|
| Apprentice—continued.  |                   |   |                   |                     |                           |                     |                     |
| General cookery:       |                   |   |                   |                     |                           |                     |                     |
| 1000 O street .....    | 120.00            | 76  | 17                | 14                  | 85.0                      | 74                  | 1                   |
| Waltach .....          | 165.00            | 80  | 25                | 19                  | 80.0                      | 66                  | 1                   |
| Garfield .....         | 88.75             | 18  | 12                | 9                   | 82.4                      | 19                  | 1                   |
| Thompson .....         | 88.75             | 20  | 8                 | 7                   | 96.2                      | 26                  | 1                   |
| General Training ..... | 72.00             | 17  | 17                | 14                  | 82.3                      | 32                  | 1                   |
| Total .....            | 534.50            | 211   | 79                | 63                  | 83.9                      | .....               | 4                   |
| Total whites .....     | 4,938.50          | 1,289   | 792               | 579                 | 84.8                      | .....               | 34                  |
| Colored.               |                   |   |                   |                     |                           |                     |                     |
| Thompson .....         | 442.00            | 102   | 54                | 41                  | 76.2                      | 68                  | 3                   |
| Waltach .....          | 306.00            | 65  | 37                | 31                  | 84.0                      | 68                  | 2                   |
| Garfield .....         | 306.00            | 35  | 30                | 27                  | 88.2                      | 68                  | 2                   |
| Total colored .....    | 1,054.00          | 222   | 121               | 99                  | 82.1                      | .....               | 7                   |
| Grand total .....      | 5,992.50          | 1,511   | 873               | 678                 | 84.4                      | .....               | 41                  |

## SUPERVISORS' REPORTS.

## TABULAR STATEMENTS CONCERNING THE GRADED SCHOOLS, BY DIVISIONS.

## FIRST DIVISION.

TABLE I.—Showing location of buildings, and distribution of schools by buildings.

| School and location.   | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. | Schoolrooms. | Number of teachers. |
|--|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|--------------|---------------------|
| Washington, 13th and K streets NW .....                      | 1             | 1              | 1            | 1            | 2             | 2            | 2             | 2            | 1             | 13     | 215          | 9                   |
| Thompson, S street NW., between 13th and 14th .....          | 2             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 10     | 312          | 611                 |
| Massachusetts avenue, between 17th and 18th streets NW ..... | 2             | 2              | 2            | 2            | 2             | 14           | 1             | 14           | .....         | 14     | 412          | 14                  |
| Warner, R street between 17th and 18th NW .....              | 1             | 1              | 1            | 1            | 1             | 2            | 1             | 1            | .....         | 9      | 8            | 9                   |
| Garfield, 14th and Q streets NW .....                        | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | .....         | 8      | 9            | 8                   |
| Thompson, 13th street, between V and W NW .....              | .....         | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 8      | 8            | 69                  |
| Warner, Vermont avenue, between T and U streets NW .....     | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | .....         | 8      | 8            | 8                   |
| Thompson, 12th street, between K and L NW .....              | .....         | 1              | 1            | 1            | .....         | .....        | .....         | .....        | .....         | 3      | 56           | 3                   |
| Whole number of schools:                                     |               |                |              |              |               |              |               |              |               |        |              |                     |
| 1900 .....   | 9             | 9              | 9            | 9            | 9             | 9            | 8             | 8            | 2             | 73     | 78           | 71                  |
| 1899 .....   | 9             | 9              | 9            | 9            | 9             | 8            | 9             | 9            | 1             | 71     | 78           | 67                  |

Nine practice schools under supervision of five normal teachers.

Two rooms used by normal school.

One room used for cooking and one room for cutting.

One room used for cooking school.

One room used for cooking school and two rooms for manual training.

Including assistant kindergarten teacher.

TABLE II.—Showing condition of buildings.

| Building.      | How heated. | Light.     | Ventilation. | Water-closets. | Play rooms. | Yards.     | Owned or rented. |
|----------------|-------------|------------|--------------|----------------|-------------|------------|------------------|
| Franklin ..... | Steam       | Excellent. | Good         | Good           | Excellent.  | Small      | Owned.           |
| Thompson ..... | Furnace     | Good       | Fair         | .....do        | Fair        | .....do    | Do.              |
| Warner .....   | .....do     | Excellent. | Excellent.   | Excellent.     | Excellent.  | Fair       | Do.              |
| Garfield ..... | Steam       | .....do    | .....do      | Good           | .....do     | Excellent. | Do.              |
| Thompson ..... | .....do     | .....do    | Fair         | .....do        | .....do     | Fair       | Do.              |
| Warner .....   | .....do     | .....do    | .....do      | .....do        | .....do     | .....do    | Do.              |
| Thompson ..... | Furnace     | .....do    | Excellent.   | Excellent.     | .....do     | .....do    | Do.              |
| Garfield ..... | .....do     | .....do    | .....do      | .....do        | Fair        | .....do    | Do.              |
| Thompson ..... | .....do     | .....do    | .....do      | .....do        | .....do     | Small      | Do.              |
| District ..... | .....do     | Good       | .....do      | .....do        | .....do     | .....do    | Do.              |

TABLE III.—*Showing half-day schools.*

| School.    | Half-day schools. |       | Grades of half-day schools, 1900. |
|------------|-------------------|-------|-----------------------------------|
|            | 1900.             | 1899. |                                   |
| Force..... | 6                 | 2     | 1, 2, 3 and 4                     |
| Adams..... | 2                 | 2     | 1 and 2                           |
| Total..... | 8                 | 4     |                                   |

TABLE IV.—*Showing distribution of pupils by grades, attendance, and average attendance per teacher.*

| Grades.           | Number of schools. |                 | Whole enrollment. |       | Average enrollment. |       | Average daily attendance. |       | Average number of pupils per teacher. |                              |
|-------------------|--------------------|-----------------|-------------------|-------|---------------------|-------|---------------------------|-------|---------------------------------------|------------------------------|
|                   | 1900.              | 1899.           | 1900.             | 1899. | 1900.               | 1899. | 1900.                     | 1899. | Based on whole enrollment.            | Based on average attendance. |
| Eighth.....       | 9                  | 9               | 385               | 418   | 334                 | 347   | 312                       | 321   | 42.6                                  | 36.8                         |
| Seventh.....      | 9                  | 9               | 417               | 392   | 341                 | 322   | 319                       | 297   | 46.3                                  | 37.5                         |
| Sixth.....        | 9                  | 9               | 421               | 416   | 348                 | 369   | 320                       | 310   | 46.7                                  | 36.1                         |
| Fifth.....        | 9                  | 9               | 426               | 447   | 356                 | 360   | 327                       | 326   | 47.3                                  | 37.2                         |
| Fourth.....       | 9                  | 8               | 429               | 400   | 354                 | 320   | 329                       | 302   | 48.7                                  | 37.1                         |
| Third.....        | 9 $\frac{1}{2}$    | 8 $\frac{1}{2}$ | 418               | 378   | 335                 | 302   | 329                       | 271   | 44.0                                  | 34.7                         |
| Second.....       | 8 $\frac{1}{2}$    | 9 $\frac{1}{2}$ | 383               | 410   | 305                 | 334   | 273                       | 300   | 48.1                                  | 33.3                         |
| First.....        | 8 $\frac{1}{2}$    | 8               | 481               | 464   | 321                 | 303   | 287                       | 268   | 56.9                                  | 52.2                         |
| Kindergarten..... | 2                  | 1               | 100               | 63    | 58                  | 33    | 50                        | 30    | 50.0                                  | 50.0                         |
| Total.....        | 79 $\frac{1}{2}$   | 71              | 3,475             | 3,388 | 2,774               | 2,670 | 2,546                     | 2,427 | 47.6                                  | 38.0                         |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and absence and tardiness of teachers.*

| Month.         | Percent-<br>age of<br>attend-<br>ance. | Tardi-<br>ness of<br>teachers. | Cases of tardiness. |       | Substitutes. |       |
|----------------|--|--------------------------------|---------------------|-------|--------------|-------|
|                |  |                                | 1900.               | 1899. | 1900.        | 1899. |
| September..... | 96.7                                   | 7                              | 155                 | 119   | 1.5          | 49    |
| October.....   | 93.3                                   | 10                             | 580                 | 465   | 14.5         | 29    |
| November.....  | 93.5                                   | 10                             | 720                 | 560   | 59.5         | 30    |
| December.....  | 92.0                                   | 18                             | 631                 | 556   | 22.0         | 34    |
| January.....   | 91.7                                   | 13                             | 894                 | 703   | 40.5         | 118   |
| February.....  | 90.8                                   | 15                             | 711                 | 686   | 34.5         | 100   |
| March.....     | 90.0                                   | 10                             | 708                 | 568   | 56.5         | 180   |
| April.....     | 90.1                                   | 8                              | 550                 | 452   | 44.0         | 75    |
| May.....       | 91.5                                   | 9                              | 968                 | 671   | 15.0         | 63    |
| June.....      | 92.4                                   | 4                              | 429                 | 376   | 14.5         | 44    |
| Total.....     |  | 104                            | 6,346               | 5,096 | 299.5        | 586   |

TABLE VI.—*Showing the number of graduates from the Washington Normal School, other normal schools, colleges, and nongraduates.*

|                               |    |
|-------------------------------|----|
| Washington Normal School..... | 49 |
| Other normal schools.....     | 6  |
| Colleges.....                 | 1  |
| Nongraduates.....             | 15 |
| Total.....                    | 71 |

## SECOND DIVISION.

TABLE 1.—*Showing location of buildings and distribution of schools by buildings.*

| School and location.                                   | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. | Schoolrooms. | Number of teachers. |
|--|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|--------------|---------------------|
| Corner 6th and I. streets NW.....                      | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | .....         | 8      | 19           | 8                   |
| On I, between 2d and 3d streets NW.....                | 1             | 2              | 1            | 1            | 1             | 1            | 1             | 2            | 1             | 11     | 12           | 12                  |
| On I, between N and O streets NW.....                  | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | .....         | 8      | 8            | 8                   |
| On I, corner 1st and Quincy streets NE.....            | 1             | 1              | 1            | 1            | 1             | 2            | 1             | 2            | .....         | 10     | 8            | 10                  |
| On I, between 5th street and New Jersey avenue NW..... | 1             | .....          | .....        | 2            | 1             | 2            | 2             | 2            | .....         | 10     | 8            | 10                  |
| On I, P, between 6th and 7th streets NW.....           | 1             | 2              | 2            | 1            | 2             | 2            | 2             | 2            | .....         | 12     | 12           | 12                  |
| On I, corner 7th and P streets NW.....                 | 1             | 1              | 1            | 1            | 1             | .....        | 2             | 1            | 8             | 38     | 49           | 49                  |
| On I, corner 10th and H streets NW.....                | 1             | 1              | 2            | 2            | 2             | 2            | 2             | 2            | .....         | 11     | 12           | 11                  |
| Grade number of schools:                               |               |                |              |              |               |              |               |              |               |        |              |                     |
| 1880   | 8             | 9              | 9            | 10           | 10            | 11           | 10            | 12           | 2             | 81     | 77           | 82                  |
| 1899   | 8             | 9              | 10           | 10           | 9             | 10           | 10            | 12           | .....         | 78     | 77           | 78                  |

One room used for girls' play room.

\* One room used for kindergarten and one for cooking school.

One room used for kindergarten.

<sup>4</sup> Including assistant kindergarten teacher.

TABLE 11.—*Showing condition of buildings.*

| Buildings.            | How heated.   | Light.     | Ventilation. | Water-closets. | Play rooms. | Yards.     | Owned or rented. |
|-----------------------|---------------|------------|--------------|----------------|-------------|------------|------------------|
| Albion .....          | Furnace ..... | Good ..... | Fair .....   | Good .....     | None .....  | None ..... | Owned.           |
| Albion .....          | Steam .....   | Excellent. | Poor .....   | Poor .....     | Good .....  | Good ..... | Do.              |
| Albion .....          | Furnace ..... | Good ..... | Good .....   | do .....       | do .....    | do .....   | Do.              |
| Albion (school) ..... | do .....      | do .....   | do .....     | Good .....     | do .....    | do .....   | Do.              |
| Albion .....          | do .....      | do .....   | do .....     | Fair .....     | do .....    | do .....   | Do.              |
| Albion .....          | Steam .....   | do .....   | Poor .....   | do .....       | Fair .....  | do .....   | Do.              |
| Albion .....          | Furnace ..... | do .....   | Good .....   | Good .....     | do .....    | do .....   | Do.              |
| Albion .....          | Steam .....   | do .....   | Poor .....   | do .....       | do .....    | None ..... | Do.              |

TABLE III.—*Showing half-day schools.*

| Building.     | Half-day schools. |       | Grades of half-day schools,<br>1900. | Number above second grade,<br>1900. |
|---------------|-------------------|-------|--------------------------------------|-------------------------------------|
|               | 1900.             | 1899. |                                      |                                     |
| Adelphi.....  | .....             | ..... | .....                                | .....                               |
| Bethesda..... | .....             | ..... | .....                                | .....                               |
| Channing..... | .....             | ..... | .....                                | .....                               |
| Columbia..... | .....             | ..... | .....                                | .....                               |
| Dodge.....    | .....             | ..... | .....                                | .....                               |
| Fish.....     | .....             | ..... | .....                                | .....                               |
| Guyver.....   | .....             | ..... | .....                                | .....                               |
| Total.....    | 12                | 10    | .....                                | .....                               |

TABLE IV.—*Showing distribution of pupils by grades, attendance, and average number of pupils per teacher.*

| Grade.            | Number of schools. |       | Whole enrollment. |       | Average enrollment. |       | Average daily attendance. |       | Average number of pupils per teacher. |                                    |
|-------------------|--------------------|-------|-------------------|-------|---------------------|-------|---------------------------|-------|---------------------------------------|------------------------------------|
|                   | 1900.              | 1899. | 1900.             | 1899. | 1900.               | 1899. | 1900.                     | 1899. | Based on whole enrollment.            | Based on average daily attendance. |
| Eighth.....       | 8                  | 8     | 320               | 297   | 287                 | 279   | 225                       | 227   | 41.2                                  | 39.9                               |
| Seventh.....      | 9                  | 9     | 413               | 427   | 348                 | 371   | 328                       | 347   | 46.0                                  | 40.8                               |
| Sixth.....        | 9                  | 10    | 441               | 441   | 374                 | 391   | 350                       | 365   | 49.0                                  | 36.5                               |
| Fifth.....        | 10                 | 10    | 472               | 452   | 413                 | 401   | 388                       | 370   | 47.2                                  | 37.0                               |
| Fourth.....       | 10                 | 9     | 475               | 436   | 409                 | 397   | 385                       | 373   | 47.5                                  | 37.3                               |
| Third.....        | 11                 | 10    | 436               | 465   | 462                 | 398   | 431                       | 369   | 48.7                                  | 36.9                               |
| Second.....       | 10                 | 10    | 442               | 420   | 382                 | 438   | 355                       | 406   | 44.2                                  | 35.5                               |
| First.....        | 12                 | 12    | 674               | 596   | 496                 | 427   | 448                       | 379   | 56.1                                  | 31.6                               |
| Total.....        | 79                 | 78    | 4,786             | 4,632 | 3,173               | 3,065 | 2,960                     | 2,883 | 47.9                                  | 37.0                               |
| Kindergarten..... | 2                  | 1     | 119               | 31    | 72                  | 31    | 62                        | 26    | 59.5                                  | 26.0                               |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and average tardiness of teachers.*

| Month.         | Percent-<br>age of at-<br>tendance. | Tardiness of<br>teachers. | Cases of tardiness. |       | Average<br>tardiness of<br>teachers. |
|----------------|-------------------------------------|---------------------------|---------------------|-------|--------------------------------------|
|                |                                     |                           | 1900.               | 1899. |                                      |
| September..... | 96.7                                | 2                         | 441                 | 64    | 25.5                                 |
| October.....   | 93.8                                | 11                        | 389                 | 290   | 25.6                                 |
| November.....  | 94.2                                | 12                        | 457                 | 392   | 26.0                                 |
| December.....  | 93.2                                | 12                        | 349                 | 368   | 24.0                                 |
| January.....   | 92.6                                | 18                        | 579                 | 443   | 25.7                                 |
| February.....  | 92.0                                | 14                        | 453                 | 329   | 23.2                                 |
| March.....     | 91.7                                | 12                        | 404                 | 362   | 24.5                                 |
| April.....     | 91.9                                | 14                        | 391                 | 201   | 18.3                                 |
| May.....       | 93.4                                | 15                        | 382                 | 357   | 15.4                                 |
| June.....      | 93.7                                | 9                         | 219                 | 188   | 21.0                                 |
| Total.....     |                                     | 115                       | 3,954               | 2,961 | 24.0                                 |

TABLE VI.—*Showing the number of graduates from the Washington Normal School, other normal schools, colleges, and nongraduates.*

|                               |    |
|-------------------------------|----|
| Washington Normal School..... | 62 |
| Other normal schools.....     | 4  |
| Colleges.....                 | 1  |
| Nongraduates.....             | 16 |
| Total.....                    | 83 |

## THIRD DIVISION.

TABLE I.—*Showing location of buildings and distribution of schools by building.*

| School and location.                              | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. | School average. | State average. |
|---|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|-----------------|----------------|
| Penbody, 5th and C streets NE.....                | 1             | 2              | 2            | 2            | 2             | 2            | 1             | 1            | 1             | 14     | 75              | 90             |
| Hilton, 6th, between B and C streets NE.....      | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 8      | 75              | 90             |
| Carbery, 5th, between D and E streets NE.....     | 1             | 1              | 1            | 1            | 1             | 2            | 2             | 2            | 2             | 10     | 75              | 90             |
| Murry B, between 12th and 13th streets N1.....    | 1             | 1              | 1            | 2            | 1             | 2            | 1             | 1            | 3             | 10     | 75              | 90             |
| Towers, 8th and C streets SE.....                 | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 10     | 75              | 90             |
| Wallach, D, between 7th and 8th streets SE.....   | 1             | 2              | 3            | 3            | 2             | 2            | 1             | 1            | 1             | 14     | 75              | 90             |
| Brent, 3d and D streets SE.....                   | 1             | 1              | 1            | 1            | 2             | 2            | 1             | 1            | 1             | 11     | 75              | 90             |
| Lenox, 5th, between G and Virginia avenue SE..... | 1             | 1              | 1            | 2            | 1             | 2            | 1             | 1            | 1             | 11     | 75              | 90             |
| McCormick, 3d, between M and N streets SE.....    |               |                |              |              | 1             | 1            | 2             | 2            | 2             | 6      | 75              | 90             |
| Total number of schools:                          |               |                |              |              |               |              |               |              |               |        |                 |                |
| 1900.....   | 8             | 10             | 11           | 13           | 12            | 14           | 11            | 15           | 1             | 95     | 75              | 90             |
| 1899.....   | 8             | 9              | 11           | 12           | 15            | 15           | 10            | 15           | 1             | 94     | 75              | 90             |

1 One combined fourth and fifth grade.

2 One combined second and third grade.

3 One room used as cooking school.

4 Including assistant kindergarten teacher.

TABLE II.—*Showing condition of buildings.*

| Building.   | How heated.  | Light.    | Ventilation. | Water-closets. | Play rooms. | Yards.     | Owned or rented. |
|-------------|--------------|-----------|--------------|----------------|-------------|------------|------------------|
| Armory..... | Steam.....   | Excellent | Excellent    | Excellent      | Fair.....   | Small..... | Owned.           |
| Armory..... | Furnace..... | do.....   | do.....      | do.....        | do.....     | do.....    | Do.              |
| Armory..... | do.....      | do.....   | Good.....    | do.....        | do.....     | do.....    | Do.              |
| Armory..... | do.....      | do.....   | Fair.....    | Poor.....      | Excellent   | Fair.....  | Do.              |
| Armory..... | do.....      | do.....   | Good.....    | Excellent      | Fair.....   | Ample..... | Do.              |
| Armory..... | Steam.....   | do.....   | do.....      | Fair.....      | Good.....   | do.....    | Do.              |
| Armory..... | Furnace..... | do.....   | Poor.....    | Poor.....      | Excellent   | Small..... | Do.              |
| Armory..... | do.....      | do.....   | Good.....    | Excellent      | Good.....   | do.....    | Do.              |
| Armory..... | do.....      | do.....   | Poor.....    | Fair.....      | None.....   | Ample..... | Do.              |

In Carbery and Towers, boys' play rooms are used as coal vaults.

TABLE III.—*Showing half-day schools.*

| School.     | Half-day schools. |       | Grades of half-day schools. | Number above second grade. |       |
|-------------|-------------------|-------|-----------------------------|----------------------------|-------|
|             | 1900.             | 1899. |                             | 1900.                      | 1899. |
| Armory..... | 2                 | 2     | K., 1, 2                    |                            |       |
| Armory..... | 2                 | 2     | 1, 2                        |                            |       |
| Armory..... | 4                 | 4     | 1, 1, 2, 2                  |                            |       |
| Armory..... | 6                 | 6     | 1, 1, 2, 3, 3, 4            | 3                          | 3     |
| Armory..... | 4                 | 4     | 1, 1, 1, 2                  |                            |       |
| Armory..... | 2                 | 2     | 2, 3                        | 1                          | 1     |
| Armory..... | 6                 | 6     | 1, 1, 2, 3, 3, 4            | 3                          | 3     |
| Armory..... | 6                 | 6     | 1, 1, 2, 3, 3, 4            | 3                          | 3     |
| Armory..... | 4                 | 4     | 1, 1, 2, 2                  |                            | 1     |
| Total.....  | 26                | 26    |                             | 10                         | 11    |

TABLE IV.—*Showing distribution of pupils by grades, attendance, and average number per teacher.*

| Grade.            | Number of schools. |       | Whole enrollment. |       | Average enrollment. |       | Average daily attendance. |       | Average number of pupils per teacher. |       |
|-------------------|--------------------|-------|-------------------|-------|---------------------|-------|---------------------------|-------|---------------------------------------|-------|
|                   | 1900.              | 1899. | 1900.             | 1899. | 1900.               | 1899. | 1900.                     | 1899. | 1900.                                 | 1899. |
| First.....        | 8                  | 8     | 391               | 358   | 343                 | 304   | 323                       | 288   | 48.8                                  | 44.7  |
| Second.....       | 10                 | 9     | 449               | 442   | 390                 | 384   | 370                       | 363   | 44.9                                  | 49.0  |
| Third.....        | 11                 | 11    | 539               | 539   | 437                 | 481   | 447                       | 437   | 48.1                                  | 49.0  |
| Fourth.....       | 13                 | 12    | 677               | 593   | 555                 | 519   | 520                       | 477   | 52.0                                  | 49.9  |
| Fifth.....        | 12                 | 13    | 608               | 609   | 532                 | 546   | 497                       | 504   | 50.6                                  | 46.8  |
| Sixth.....        | 14                 | 15    | 726               | 759   | 622                 | 649   | 585                       | 603   | 51.8                                  | 50.6  |
| Seventh.....      | 11                 | 10    | 530               | 478   | 454                 | 420   | 420                       | 385   | 48.1                                  | 47.8  |
| Eighth.....       | 15                 | 15    | 766               | 743   | 586                 | 556   | 538                       | 512   | 51.0                                  | 49.5  |
| Kindergarten..... | 1                  | 1     | 48                | 50    | 37                  | 41    | 34                        | 36    | 48.0                                  | 50.0  |
| Total.....        | 95                 | 94    | 4,725             | 4,577 | 3,956               | 3,900 | 3,734                     | 3,605 |                                       |       |

TABLE V.—*Showing percentage of attendance and cases of tardiness of pupils; and absence and tardiness of teachers.*

| Month.         | Percentage of attendance. | Pupils.             |       | Teachers.           |       |
|----------------|---------------------------|---------------------|-------|---------------------|-------|
|                |                           | Cases of tardiness. |       | Substitute service. |       |
|                |                           | 1900.               | 1899. | 1900.               | 1899. |
| September..... | 97.3                      | 36                  | 36    | 2                   | 22.0  |
| October.....   | 94.4                      | 186                 | 161   | 10                  | 37.5  |
| November.....  | 94.5                      | 235                 | 170   | 25                  | 13.0  |
| December.....  | 93.6                      | 132                 | 209   | 24                  | 14.0  |
| January.....   | 93.3                      | 224                 | 222   | 30                  | 57.5  |
| February.....  | 93.0                      | 227                 | 113   | 19                  | 74.0  |
| March.....     | 92.1                      | 246                 | 175   | 24                  | 62.0  |
| April.....     | 91.8                      | 162                 | 102   | 6                   | 34.0  |
| May.....       | 93.5                      | 203                 | 166   | 10                  | 32.0  |
| June.....      | 94.4                      | 105                 | 82    | 9                   | 17.0  |
| Total.....     |                           | 1,756               | 1,456 | 159                 | 363.0 |



TABLE VI.—*Showing the number of graduates from the Washington normal school, normal schools, colleges, and nongraduates.*

|                               |    |
|-------------------------------|----|
| Washington normal school..... | 73 |
| Other normal schools.....     | 2  |
| Colleges.....                 | 0  |
| Nongraduates.....             | 21 |
| Total.....                    | 96 |

## FOURTH DIVISION.

TABLE I.—*Showing location of buildings, and distribution of schools by building.*

| School and location.  | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. |
|---|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|
| Jefferson, 6th and D streets SW.....                              | 2             | 2              | 3            | 3            | 2             | 2            | 2             | 1            | 1             | 16     |
| Amidon, 6th and F streets SW.....                                 | 1             | 1              | 1            | 1            | 1             | 2            | 2             | 1            | 1             | 12     |
| Bradley, 13½ street between C and D streets SW.....               | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 9      |
| Smallwood, I street between A and E streets SW.....               | 1             | 1              | 1            | 1            | 2             | 2            | 1             | 1            | 1             | 11     |
| Greenleaf, 4½ street between M and N streets SW.....              | 1             | 1              | 1            | 1            | 2             | 1            | 3             | 3            | 12            | 27     |
| Potomac, 12th street between Maryland avenue and E street SW..... |               |                |              |              | 1             | 1            | 1             | 1            | 1             | 4      |
| Total number of schools:  |               |                |              |              |               |              |               |              |               |        |
| 1900.....   | 4             | 5              | 7            | 7            | 9             | 8            | 10            | 11           | 4             | 66     |
| 1899.....   | 4             | 5              | 7            | 7            | 8             | 8            | 10            | 12           | 4             | 68     |

<sup>1</sup>One room used as office for supervising principal, one for cooking school, and one for kindergarten.

<sup>2</sup>One room used for kindergarten.

<sup>3</sup>Including assistant kindergarten teacher.

TABLE II.—*Showing condition of buildings.*

| Building.      | How heated.  | Light.    | Ventilation. | Water-closets. | Play rooms. | Yards.     | Condition of building. |
|----------------|--------------|-----------|--------------|----------------|-------------|------------|------------------------|
| Jefferson..... | Steam.....   | Excellent | Fair.....    | Excellent      | Excellent   | Excellent  | Excellent              |
| Amidon.....    | Furnace..... | do.....   | Excellent    | do.....        | do.....     | Small..... | Good                   |
| Bradley.....   | do.....      | do.....   | do.....      | Fair.....      | Small.....  | do.....    | Good                   |
| Smallwood..... | do.....      | do.....   | do.....      | do.....        | do.....     | do.....    | Good                   |
| Greenleaf..... | do.....      | do.....   | do.....      | Excellent      | do.....     | do.....    | Good                   |
| Potomac.....   | Stoves.....  | do.....   | Fair.....    | Poor.....      | None        | do.....    | Good                   |

TABLE III.—*Showing half-day school.*

| Schools.       | Half-day schools. |       | Grades of half-day schools. |
|----------------|-------------------|-------|-----------------------------|
|                | 1900.             | 1899. |                             |
| Jefferson..... | 2                 | 2     | 1                           |
| Amidon.....    | 2                 | 2     | 1                           |
| Bradley.....   | 2                 | 2     | 1                           |
| Smallwood..... | 4                 | 4     | 1                           |
| Greenleaf..... | 8                 | 8     | 1, 1, 1, 2, 2               |
| Potomac.....   |                   |       |                             |
| Total.....     | 18                | 16    |                             |

TABLE IV.—*Showing distribution of pupils by grades, attendance, and average per teacher.*

| Grade.        | Number of schools. |       | Whole enrollment. |       | Average enrollment. |         | Average daily attendance. |         | Average number of pupils per teacher. |                              |
|---------------|--------------------|-------|-------------------|-------|---------------------|---------|---------------------------|---------|---------------------------------------|------------------------------|
|               | 1900.              | 1899. | 1900.             | 1899. | 1900.               | 1899.   | 1900.                     | 1899.   | Based on whole enrollment.            | Based on average enrollment. |
| First         | 4                  | 4     | 182               | 205   | 151                 | 171.0   | 143                       | 160.5   | 15.5                                  | 37.7                         |
| Second        | 5                  | 5     | 221               | 239   | 185                 | 191.0   | 175                       | 180.0   | 14.2                                  | 37.0                         |
| Third         | 7                  | 7     | 303               | 312   | 264                 | 262.0   | 246                       | 241.0   | 13.2                                  | 37.7                         |
| Fourth        | 7                  | 7     | 341               | 350   | 297                 | 296.0   | 279                       | 272.0   | 18.7                                  | 42.1                         |
| Fifth         | 9                  | 8     | 415               | 387   | 390                 | 343.2   | 363                       | 319.6   | 19.1                                  | 43.3                         |
| Sixth         | 8                  | 8     | 432               | 445   | 383                 | 402.1   | 357                       | 369.0   | 51.0                                  | 47.8                         |
| Seventh       | 10                 | 10    | 488               | 461   | 406                 | 391.9   | 378                       | 357.9   | 48.8                                  | 40.6                         |
| Eighth        | 11                 | 12    | 624               | 630   | 499                 | 483.0   | 456                       | 439.0   | 56.7                                  | 45.3                         |
| Total         | 61                 | 61    | 3,036             | 3,029 | 2,575               | 2,543.2 | 2,397                     | 2,339.0 | 19.6                                  | 42.2                         |
| Non-graduates | 2                  | 1     | 110               | 49    | 56                  | 31      | 50                        | 27      | 55                                    | 28                           |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and absence and tardiness of teachers.*

| Month.    | Percentage of attendance. | Tardiness of teachers. | Cases of tardiness. |       | Substitute service. |       |
|-----------|---------------------------|------------------------|---------------------|-------|---------------------|-------|
|           |                           |                        | 1900.               | 1899. | 1900.               | 1899. |
| January   | 97.1                      | 1                      | 44                  | 60    | 21.0                | 3.5   |
| February  | 96.7                      | 6                      | 196                 | 181   | 11.0                | 13.5  |
| March     | 96.9                      | 11                     | 296                 | 235   | 19.5                | 19.5  |
| April     | 96.2                      | 13                     | 263                 | 230   | 16.0                | 23.5  |
| May       | 96.0                      | 14                     | 286                 | 258   | 57.0                | 81.0  |
| June      | 92.8                      | 10                     | 261                 | 203   | 62.0                | 61.5  |
| July      | 91.7                      | 9                      | 217                 | 223   | 68.5                | 36.0  |
| August    | 91.2                      | 2                      | 159                 | 178   | 56.0                | 13.0  |
| September | 92.6                      | 13                     | 215                 | 195   | 35.5                | 35.0  |
| October   | 94.1                      | 3                      | 106                 | 111   | 27.0                | 23.0  |
| Total     |                           | 82                     | 1,983               | 1,877 | 393.5               | 309.5 |

TABLE VI.—*Showing the number of graduates from the Washington Normal School, other normal schools, colleges, and nongraduates.*

|                          |    |
|--------------------------|----|
| Washington Normal School | 37 |
| Other normal schools     | 8  |
| Colleges                 | 0  |
| Nongraduates             | 20 |
| Total                    | 65 |

## FIFTH DIVISION.

TABLE I.—*Showing location of buildings and distribution of schools by buildings.*

| School and location.                  | Grade.        |                |              |              |               |              |               |              |               | Total. | Rooms. | Number of teachers. |
|---------------------------------------|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|--------|---------------------|
|                                       | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. |        |        |                     |
| Between 30th and 31st streets         | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 8      | 8      | 8                   |
| Between 21st and 22d streets          | 1             | 2              | 1            | 1            | 1             | 2            | 2             | 2            | 2             | 12     | 12     | 12                  |
| Between 32d and 33d streets           | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 8      | 8      | 8                   |
| Between F near 32d street             | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 2            | 1             | 9      | 8      | 10                  |
| Between 30th near I street            | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 8      | 8      | 8                   |
| Washington, 23d and M streets         | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 2            | 1             | 9      | 8      | 9                   |
| Between 28th near M street            | 1             | 1              | 1            | 1            | 1             | 1            | 2             | 2            | 1             | 9      | 8      | 9                   |
| Between 31, 30th near Prospect street | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 5      | 4      | 5                   |
| Between 32d and S streets             | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 12     | 12     | 12                  |
| Between 28th and F streets            | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 8      | 8      | 9                   |
| Between 28th and Wisconsin avenue     | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 12     | 12     | 12                  |
| Whole number of schools—              |               |                |              |              |               |              |               |              |               |        |        |                     |
| 1900                                  | 7             | 7              | 9            | 9            | 10            | 11           | 11            | 11           | 2             | 80     | 76     | 82                  |
| 1899                                  | 7             | 7              | 9            | 9            | 10            | 10           | 12            | 11           | 1             | 79     | 76     | 79                  |

1 Composed of grades 3 to 6. 2 Composed of grades 1 and 2. 3 Includes assistant kindergarten teacher.

TABLE II.—*Showing condition of buildings.*

| Building.          | How heated. | Light.     | Ventilation. | Water-closets. | Play rooms. | Yard.      | Overall condition. |
|--------------------|-------------|------------|--------------|----------------|-------------|------------|--------------------|
| Jackson .....      | Furnace ..  | Excellent. | Excellent.   | Excellent.     | Excellent.  | Good ..    | Good ..            |
| Grant .....        | do .....    | do .....   | do .....     | do .....       | do .....    | do .....   | do .....           |
| Addison .....      | Furnace ..  | do .....   | do .....     | Good ..        | do .....    | do .....   | do .....           |
| Weightman .....    | do .....    | do .....   | do .....     | Excellent.     | do .....    | do .....   | do .....           |
| Corcoran .....     | do .....    | do .....   | do .....     | do .....       | do .....    | do .....   | do .....           |
| Fillmore .....     | do .....    | do .....   | do .....     | do .....       | do .....    | do .....   | do .....           |
| Toner .....        | do .....    | do .....   | do .....     | do .....       | do .....    | do .....   | do .....           |
| Threlkeld .....    | Stoves ..   | do .....   | Fair ..      | Fair ..        | Poor ..     | Fair ..    | do ..              |
| High Street .....  | do .....    | do .....   | Poor ..      | Poor ..        | do ..       | do ..      | do ..              |
| Industrial Home .. | Steam ..    | do .....   | Fair ..      | Good ..        | do ..       | Excellent. | do ..              |
| Curtis .....       | do .....    | do .....   | Excellent.   | do ..          | Excellent.  | do ..      | do ..              |

TABLE III.—*Showing half-day schools.*

| Name of school. | Half-day schools. |       | Total. |
|-----------------|-------------------|-------|--------|
|                 | 1900.             | 1899. |        |
| Weightman ..... | 2                 | 1     | 3      |
| Corcoran .....  | 2                 | 2     | 4      |
| Threlkeld ..... | 2                 | 2     | 4      |
| Addison .....   | 2                 | 2     | 4      |
| Total .....     | 8                 | 7     | 15     |

TABLE IV.—*Showing the distribution of pupils, by grades, and the average number per teacher.*

| Grade.             | Number of schools. |       | Whole enrollment. |       | Average enrollment. |       | Average daily attendance. |       | Average number per teacher. |                              |
|--------------------|--------------------|-------|-------------------|-------|---------------------|-------|---------------------------|-------|-----------------------------|------------------------------|
|                    | 1900.              | 1899. | 1900.             | 1899. | 1900.               | 1899. | 1900.                     | 1899. | Based on whole enrollment.  | Based on average attendance. |
| Eighth .....       | 7                  | 7     | 246               | 258   | 205.7               | 218   | 191.8                     | 202   | 35.1                        | 32.0                         |
| Seventh .....      | 7                  | 7     | 279               | 285   | 239.0               | 235   | 223.0                     | 216   | 39.8                        | 37.0                         |
| Sixth .....        | 9                  | 9     | 397               | 423   | 319.0               | 335   | 297.0                     | 311   | 44.1                        | 41.0                         |
| Fifth .....        | 9                  | 9     | 412               | 386   | 355.9               | 329   | 331.0                     | 306   | 45.7                        | 40.0                         |
| Fourth .....       | 10                 | 10    | 444               | 425   | 380.7               | 353   | 353.4                     | 321   | 44.4                        | 41.0                         |
| Third .....        | 11                 | 10    | 458               | 438   | 398.0               | 375   | 364.7                     | 343   | 41.6                        | 38.0                         |
| Second .....       | 11                 | 12    | 537               | 491   | 439.9               | 398   | 409.1                     | 392   | 48.8                        | 44.0                         |
| First .....        | 14                 | 14    | 705               | 670   | 515.0               | 465   | 468.0                     | 435   | 50.5                        | 46.0                         |
| Kindergarten ..... | 2                  | 1     | 127               | 64    | 79.5                | 34    | 60.0                      | 31    | 63.5                        | 60.0                         |
| Total .....        | 80                 | 79    | 3,605             | 3,440 | 2,923.7             | 2,712 | 2,635.0                   | 2,527 | 36.5                        | 34.0                         |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and absence and tardiness of teachers.*

| Month.          | Percentage of attendance. | Tardiness of teachers. | Cases of tardiness. |       | Substitute teachers. |       |
|-----------------|---------------------------|------------------------|---------------------|-------|----------------------|-------|
|                 |                           |                        | 1900.               | 1899. | 1900.                | 1899. |
| September ..... | 96.1                      | 3                      | 449                 | 64    | 24                   | 18.0  |
| October .....   | 92.9                      | 11                     | 472                 | 384   | 32                   | 24.0  |
| November .....  | 92.9                      | 10                     | 520                 | 477   | 31                   | 27.0  |
| December .....  | 91.3                      | 11                     | 398                 | 424   | 14                   | 20.0  |
| January .....   | 91.5                      | 13                     | 702                 | 578   | 78                   | 52.5  |
| February .....  | 90.8                      | 14                     | 449                 | 458   | 50                   | 60.5  |
| March .....     | 90.5                      | 13                     | 541                 | 453   | 47                   | 41.0  |
| April .....     | 90.9                      | 11                     | 333                 | 275   | 29                   | 20.0  |
| May .....       | 91.4                      | 15                     | 569                 | 596   | 14                   | 18.0  |
| June .....      | 93.4                      | 5                      | 217                 | 306   | 16                   | 18.0  |
| Total .....     |                           | 106                    | 4,320               | 4,012 | 337                  | 446.5 |

TABLE VI.—*Showing the number of graduates from the Washington Normal School, other normal schools, colleges, and non-graduates.*

|                                |    |
|--------------------------------|----|
| Washington Normal School ..... | 55 |
| Other normal schools .....     | 2  |
| Colleges .....                 | 2  |
| Non-graduates .....            | 23 |
| Total .....                    | 82 |

## SIXTH DIVISION.

TABLE I.—*Showing location of buildings, and distribution of schools by buildings.*

| Name and location.                              | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. | Schoolrooms. | Number of teachers. |
|---|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|--------------|---------------------|
| Washington and G streets NW .....               | 1             | 1              | 1            | 2            | 2             | 2            | 2             | 2            | 1             | 14     | 12           | 15                  |
| Arthur place NW .....                           | 1             | 1              | 1            | 1            | 2             | 1            | 2             | 2            | 1             | 11     | 8            | 11                  |
| Capitol street between K and L streets NW ..... | 1             | 1              | 1            | 1            | 1             | 2            | 2             | 2            | 1             | 11     | 8            | 11                  |
| 5th and K streets NE .....                      | 1             | 1              | 1            | 1            | 1             | 2            | 1             | 2            | 1             | 10     | 8            | 10                  |
| Street between 6th and 7th streets NE .....     | 1             | 1              | 2            | 1            | 1             | 1            | 1             | 2            | 1             | 10     | 8            | 10                  |
| Street 8th and I streets NE .....               | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 2            | 1             | 1      | 1            | 1                   |
| Street near G street NE .....                   | 1             | 1              | 1            | 1            | 1             | 2            | 2             | 2            | 1             | 11     | 8            | 11                  |
| Street 5th street between F and G streets ..... | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 1      | 1            | 1                   |
| Street 6th and G streets NE .....               | 1             | 1              | 2            | 1            | 2             | 2            | 2             | 2            | 1             | 12     | 8            | 12                  |
| Street 7th and 14th streets NE .....            | 1             | 1              | 1            | 1            | 2             | 2            | 3             | 3            | 1             | 12     | 8            | 12                  |
| Corner Maryland avenue near 14th street .....   | 1             | 1              | 1            | 1            | 2             | 2            | 2             | 2            | 1             | 2      | 1            | 2                   |
| Bladensburg road, county .....                  | 3-8           | 3-8            | 3-8          | 3-4          | 3-4           | 1            | 1             | 1            | 1             | 4      | 4            | 4                   |
| Farmington, D. C. ....                          | 4-8           | 4-8            | 4-8          | 4-8          | 4-8           | 1-3          | 1-3           | 1-3          | 1-3           | 2      | 2            | 2                   |
| Corner Maryland avenue NE .....                 | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 1             | 1      | 1            | 1                   |
| Number of schools .....                         | 9             | 8              | 10           | 10           | 14            | 15           | 16            | 18           | 2             | 102    | 77           | 104                 |
| 1900 .....                                      | 9             | 8              | 10           | 10           | 14            | 15           | 16            | 18           | 2             | 102    | 77           | 104                 |
| 1899 .....                                      | 8             | 9              | 10           | 10           | 13            | 14           | 17            | 17           | 1             | 99     | 77           | 99                  |

Including an assistant kindergarten teacher.

TABLE II.—*Showing condition of buildings.*

| Building.                                 | How heated. | Light.     | Ventilation. | Water-closets. | Play rooms. | Yards.                       | Owned or rented. |
|---|-------------|------------|--------------|----------------|-------------|------------------------------|------------------|
| Washington                                | Steam       | Excellent. | Good         | Excellent.     | Fair        | Parking                      | Owned.           |
| Arthur place                              | Furnace     | do         | Excellent.   | do             | Excellent.  | Ample                        | Do.              |
| Capitol street                            | do          | do         | Good         | do             | do          | do                           | Do.              |
| 5th and K streets                         | do          | do         | Excellent.   | do             | do          | Boys', ample; girls', small. | Do.              |
| Street between 6th and 7th streets        | do          | do         | do           | do             | do          | do                           | Do.              |
| Street 8th and I streets                  | do          | Fair       | Fair         | Good           | None        | None                         | Rented.          |
| Street near G street                      | do          | Excellent. | Excellent.   | Excellent.     | Excellent.  | Ample                        | Owned.           |
| Street 5th street between F and G streets | Stoves      | Fair       | Poor         | Poor           | None        | Excellent.                   | Rented.          |
| Street 6th and G streets                  | Furnace     | Excellent. | Excellent.   | Excellent.     | Excellent.  | Small                        | Owned.           |
| Street 7th and 14th streets               | do          | do         | do           | do             | do          | Girls', ample; boys', small. | Do.              |
| Corner Maryland avenue near 14th street   | do          | do         | do           | do             | do          | Small                        | Do.              |
| Bladensburg road, county                  | Stoves      | Good       | Poor         | Poor           | None        | Small                        | Rented.          |
| Farmington, D. C.                         | do          | Fair       | do           | Privies        | do          | Ample                        | Owned.           |
| Corner Maryland avenue NE                 | do          | Excellent. | Good         | do             | Fair        | do                           | Do.              |
| 1900 Maryland avenue NE                   | Furnace     | Good       | Fair         | Fair           | None        | Parking                      | Rented.          |

TABLE III.—*Showing half-day schools.*

| School.                      | Half-day schools. |       | Grades of half-day schools. | Number of second grade. |       |
|------------------------------|-------------------|-------|-----------------------------|-------------------------|-------|
|                              | 1900.             | 1899. |                             | 1900.                   | 1899. |
| Gales .....                  | 6                 | 6     | 1, 2, 3                     | 2                       | 2     |
| Arthur .....                 | 6                 | 4     | 1, 2, 3, 4                  | 2                       | 2     |
| Blake .....                  | 6                 | 6     | 1, 2, 3                     | 2                       | 2     |
| Hayes .....                  | 4                 | 4     | 1, 2, 2, 3                  | 1                       | 1     |
| Blair .....                  | 4                 | 2     | 1, 2, 3                     | 1                       | 1     |
| Blair annex .....            |                   |       |                             |                         |       |
| Taylor .....                 | 6                 | 6     | 1, 2, 3                     | 2                       | 2     |
| Taylor annex .....           |                   |       |                             |                         |       |
| Madison .....                | 8                 | 6     | 1, 2, 3, 4                  | 2                       | 2     |
| Pierce .....                 | 8                 | 8     | 1, 2, 4                     | 2                       | 2     |
| Pierce annex .....           | 2                 | 2     | 3                           | 2                       | 2     |
| Hamilton .....               |                   |       |                             |                         |       |
| Langdon .....                |                   |       |                             |                         |       |
| 1201 Madison avenue NE ..... |                   |       |                             |                         |       |
| Total .....                  | 50                | 44    |                             | 18                      | 14    |

TABLE IV.—*Showing distribution of pupils by grade, attendance, and average number per teacher.*

| Grade.               | Number of schools. |       | Whole enrollment. |       | Average enrollment. |       | Average daily attendance. |       | Average of pupils per teacher. |                                    |
|----------------------|--------------------|-------|-------------------|-------|---------------------|-------|---------------------------|-------|--------------------------------|------------------------------------|
|                      | 1900.              | 1899. | 1900.             | 1899. | 1900.               | 1899. | 1900.                     | 1899. | Based on whole enroll-ment.    | Based on average daily attendance. |
| Eighth .....         | 7                  | 7     | 335               | 334   | 294                 | 275   | 275                       | 229   | 30.7                           | 31.9                               |
| Seventh .....        | 8                  | 8     | 349               | 379   | 295                 | 317   | 279                       | 298   | 43.6                           | 38.9                               |
| Sixth .....          | 10                 | 10    | 444               | 424   | 355                 | 363   | 333                       | 330   | 41.1                           | 38.9                               |
| Fifth .....          | 10                 | 10    | 480               | 467   | 406                 | 398   | 379                       | 366   | 48.0                           | 47.0                               |
| Fourth .....         | 13                 | 12    | 632               | 599   | 547                 | 482   | 477                       | 443   | 48.6                           | 37.0                               |
| Third .....          | 14                 | 13    | 630               | 606   | 544                 | 498   | 504                       | 451   | 45.0                           | 36.0                               |
| Second .....         | 15                 | 16    | 578               | 600   | 490                 | 543   | 452                       | 495   | 38.1                           | 31.0                               |
| First .....          | 17                 | 16    | 843               | 843   | 625                 | 604   | 566                       | 536   | 49.0                           | 32.7                               |
| Total .....          | 95                 | 92    | 4,268             | 4,312 | 3,523               | 3,480 | 3,262                     | 3,148 | 44.9                           | 36.0                               |
| County schools ..... | 6                  | 6     | 209               | 260   | 159                 | 180   | 137                       | 158   | 34.8                           | 28.0                               |
| Kindergartens .....  | 2                  | 1     | 120               | 63    | 70                  | 37    | 60                        | 31    | 60.0                           | 30.0                               |
| Grand total .....    | 102                | 99    | 4,597             | 4,635 | 3,752               | 3,697 | 3,459                     | 3,337 | 45.0                           | 36.2                               |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, absence and tardiness of teachers.*

| Month.          | Percent age of attendance. | Tardiness of teachers. | Cases of tardiness. |       | Substitute teachers. |       |
|-----------------|----------------------------|------------------------|---------------------|-------|----------------------|-------|
|                 |                            |                        | 1900.               | 1899. | 1900.                | 1899. |
| September ..... | 96.6                       | 3                      | 147                 | 96    | 4                    | 10    |
| October .....   | 93.1                       | 7                      | 148                 | 535   | 17                   | 24    |
| November .....  | 92.8                       | 7                      | 497                 | 439   | 27                   | 149   |
| December .....  | 90.3                       | 15                     | 403                 | 454   | 17                   | 83    |
| January .....   | 92.7                       | 33                     | 697                 | 454   | 74                   | 70    |
| February .....  | 91.5                       | 49                     | 518                 | 395   | 33                   | 70    |
| March .....     | 91.0                       | 24                     | 529                 | 308   | 50                   | 100   |
| April .....     | 89.8                       | 6                      | 369                 | 268   | 30                   | 90    |
| May .....       | 92.1                       | 8                      | 652                 | 434   | 24                   | 170   |
| June .....      | 93.1                       | 9                      | 287                 | 279   | 5                    | 90    |
| Total .....     |                            |                        | 431                 | 4,547 | 3,659                | 278.5 |

TABLE VI.—*Showing the number of graduates from the Washington Normal School, other normal schools, colleges, kindergartens, and nongraduates.*

|                                |     |
|--------------------------------|-----|
| Washington Normal School ..... | 82  |
| Other normal schools .....     | 8   |
| Colleges .....                 | 1   |
| Kindergartens .....            | 14  |
| Nongraduates .....             | 9   |
| Total .....                    | 114 |

<sup>1</sup> Including two assistant kindergarten teachers.

## SEVENTH DIVISION.

TABLE I.—*Showing location of buildings and distribution of schools by buildings.*

| School and location.                       | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. | School rooms. | Number of teachers. |
|--|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|---------------|---------------------|
| WHITE.                                     |               |                |              |              |               |              |               |              |               |        |               |                     |
| Conduit road, near Conduit road.           | 5-8           |                |              |              |               | 3-4          | 1-2           |              |               | 3      | 4             | 3                   |
| Conduit road, near distributing reservoir. |               |                |              |              |               |              | 1-3           |              |               | 1      | 1             | 1                   |
| Tenleytown, D. C.                          | 7-8           |                | 1            | 1            | 1             | 1            | 1             | 2            |               | 8      | 15            | 8                   |
| Chevy Chase, Chevy Chase, D. C.            | 5-7           |                |              |              |               | 3-4          | 1-2           |              |               | 3      | 4             | 3                   |
| Brightwood, Brightwood, D. C.              | 7-8           |                | 1            | 1.5          | 3-4           |              |               | 1            | 1             | 6      | 2.5           | 6                   |
| Mount Pleasant, Mount Pleasant, D. C.      | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 2            |               | 11     | 8             | 11                  |
| Annex, Mount Pleasant, D. C.               | 6-7           |                | 1            |              |               |              |               |              |               | 2      | 2.4           | 2                   |
| Between Sherman street NW., between        |               |                |              |              |               |              |               |              |               |        |               |                     |
| Blair and Sherman avenues.                 | 1             | 6-7            |              | 1            | 1             | 1            | 1             | 2            | 1             | 9      | 8             | 10                  |
| Between Blair and Riggs roads.             | 6-8           |                |              |              | 1-5           | 2-3          |               | 1            |               | 4      | 4             | 4                   |
| Brookland, Brookland, D. C.                | 7-8           |                | 3-6          | 4-5          |               | 3-4          | 11-2          | 1            |               | 7      | 38            | 7                   |
| White number of schools                    |               |                |              |              |               |              |               |              |               |        |               |                     |
| 1900                                       | 6             | 5              | 1            | 6            | 5             | 8            | 10            | 9            | 1             | 51     | 57            | 55                  |
| 1899                                       | 3             | 5              | 1            | 1            | 6             | 8            | 11            | 6            | 1             | 50     | 57            | 50                  |
| COLORED.                                   |               |                |              |              |               |              |               |              |               |        |               |                     |
| Conduit road, near Conduit road, D. C.     |               |                |              |              | 1-5           |              |               |              |               | 1      | 1             | 1                   |
| Conduit road, near Tenleytown, D. C.       | 4-7           |                |              |              |               | 2-3          |               | 1            |               | 3      | 2             | 3                   |
| Brightwood, near Brightwood, D. C.         |               |                | 4-7          |              |               | 1-3          |               |              |               | 2      | 2             | 2                   |
| Between central avenue NW., between        |               |                |              |              |               |              |               |              |               |        |               |                     |
| Arts and Superior streets.                 | 7-8           |                | 3-6          |              | 1             | 1            | 1             | 2            | 1             | 8      | 8             | 9                   |
| Between Home Eighth street extended.       |               |                |              | 3-5          |               |              | 1-2           |              |               | 2      | 2             | 2                   |
| Between 8th and Trumbull streets NW.       | 1             | 6-7            | 3-6          | 1            | 1             | 1            | 12-3          | 1-2          | 1             | 10     | 10            | 10                  |
| Between Marshall street NW., between       |               |                |              |              |               |              | 11-2          | 1            | 1             |        |               |                     |
| Brookland and Sherman avenues.             |               |                |              | 4-5          |               | 2-3          |               | 1            | 1             | 4      | 8             | 5                   |
| Between Blair road, D. C.                  |               |                |              | 1-4          |               |              |               |              |               | 1      | 1             | 1                   |
| Between Blair road, D. C.                  |               |                |              | 4-7          |               | 1-3          |               |              |               | 2      | 2             | 2                   |
| White number of schools                    |               |                |              |              |               |              |               |              |               |        |               |                     |
| 1900                                       | 2             | 2              | 2            | 4            | 1             | 6            | 4             | 6            | 2             | 33     | 36            | 35                  |
| 1899                                       | 1             | 3              | 3            | 3            | 6             | 4            | 4             | 6            | 2             | 32     | 36            | 32                  |

1 One room used for cooking school.

2 One room used for manual training and one for cooking.

3 One room used for manual training.

4 One room occupied by cutting and fitting class.

5 Includes assistant kindergarten teacher.

TABLE II.—*Showing condition of buildings.*

| Building.        | How heated. | Light.            | Ventilation. | Water closets. | Play rooms. | Yards.    | Owned or rented. |
|------------------|-------------|-------------------|--------------|----------------|-------------|-----------|------------------|
| Conduit road     | Stoves      | Good              | Poor         | Poor           | Poor        | Poor      | Owned.           |
| Conduit road     | do          | Fair              | do           | do             | None        | do        | do.              |
| Chevy Chase road | do          | do                | do           | do             | do          | Good      | do.              |
| Tenley           | do          | do                | do           | do             | do          | do        | do.              |
| Chevy Chase      | Stoves      | do                | do           | do             | Poor        | Excellent | do.              |
| Conduit road     | Stoves      | Good              | do           | Fair           | Excellent   | Fair      | do.              |
| Mount Pleasant   | do          | do                | do           | Poor           | None        | Good      | do.              |
| Brightwood       | do          | do                | do           | do             | do          | Excellent | do.              |
| Between          | Stove       | Excellent         | do           | Excellent      | Good        | Fair      | do.              |
| Between          | Furnace     | do                | Fair         | Good           | do          | do        | do.              |
| Wilson           | Stoves      | Fair              | Poor         | Poor           | None        | do        | do.              |
| Orphans Home     | Furnace     | Excellent         | Fair         | Excellent      | Excellent   | Poor      | do.              |
| Monte            | do          | do                | do           | Good           | do          | Good      | (?)              |
| Monte            | Stoves      | Fair <sup>2</sup> | Poor         | Fair           | None        | Fair      | Owned.           |
| Fort Slocum      | Furnace     | Fair              | do           | Good           | Excellent   | do        | do.              |
| Bruce            | do          | do                | Good         | do             | do          | Good      | do.              |
| Fort Slocum      | Stoves      | Fair              | Poor         | Poor           | None        | Excellent | do.              |
| Woodburn         | do          | do                | do           | do             | do          | do        | do.              |
| Brookland        | Stove       | Excellent         | Fair         | Fair           | Excellent   | do        | do.              |
| Ivy City         | do          | do                | do           | Good           | Poor        | Fair      | do.              |
| Ivy City         | Stoves      | Good              | Poor         | Poor           | None        | Poor      | do.              |

1 Neither owned nor rented.

2 Except two rooms, in which the light is poor.

TABLE III.—*Showing half-day schools.*

| School          | Half-day schools |      | Grand total<br>1900-1901<br>Schools | 1901 |
|-----------------|------------------|------|-------------------------------------|------|
|                 | 1900             | 1899 |                                     |      |
| Grant road..... | 2                | 2    | 4                                   | 1    |
| Johnson.....    | 6                | 2    | 8                                   | 1    |
| Monroe.....     | 2                | 2    | 4                                   | 1    |
| Mott.....       | 1                | 2    | 3                                   | 1    |
| Tenley.....     | 2                | 2    | 4                                   | 1    |
| Total.....      | 13               | 8    | 21                                  | 5    |

TABLE IV.—*Showing distribution of pupils by grades, attendance, and average per teacher.*

| Grade.            | Number of<br>schools. |      | Whole<br>enrollment |       | Average en-<br>rollment |         | Average daily<br>attendance |         | Average<br>per teacher                         |  |
|-------------------|-----------------------|------|---------------------|-------|-------------------------|---------|-----------------------------|---------|--|--|
|                   | 1900                  | 1899 | 1900                | 1899  | 1900                    | 1899    | 1900                        | 1899    | Baseline<br>1900-1901<br>Baseline<br>1899-1900 | Baseline<br>1900-1901<br>Baseline<br>1899-1900 |
| WHITE.            |                       |      |                     |       |                         |         |                             |         |  |  |
| Eighth.....       | 6                     | 1    | 561                 | 216   | 197.8                   | 188.0   | 186.0                       | 175.0   | 100.0  | 100.0  |
| Seventh.....      | 3                     | 1    | 224                 | 218   | 189.7                   | 177.0   | 169.4                       | 160.0   | 111.8  | 100.0  |
| Sixth.....        | 4                     | 4    | 181                 | 181   | 145.0                   | 160.0   | 144.0                       | 133.0   | 106.0  | 100.0  |
| Fifth.....        | 6                     | 4    | 269                 | 171   | 225.0                   | 119.0   | 215.0                       | 144.0   | 156.2  | 100.0  |
| Fourth.....       | 3                     | 6    | 244                 | 280   | 202.9                   | 210.0   | 186.4                       | 218.7   | 100.0  | 100.0  |
| Third.....        | 8                     | 8    | 367                 | 366   | 281.0                   | 291.7   | 291.0                       | 273.1   | 100.0  | 100.0  |
| Second.....       | 10                    | 11   | 462                 | 497   | 299.2                   | 384.0   | 323.7                       | 339.0   | 100.0  | 100.0  |
| First.....        | 2                     | 6    | 122                 | 397   | 260.5                   | 218.0   | 261.6                       | 190.1   | 100.0  | 100.0  |
| Kindergarten..... | 1                     | 1    | 39                  | 39    | 26.0                    | 26.0    | 25.0                        | 24.0    | 100.0  | 100.0  |
| Total.....        | 41                    | 50   | 2,446               | 3,478 | 1,951.1                 | 1,842.7 | 1,777.1                     | 1,686.2 | 100.0  | 100.0  |
| COLORED.          |                       |      |                     |       |                         |         |                             |         |  |  |
| Eighth.....       | 2                     | 1    | 71                  | 81    | 62.5                    | 42.0    | 39.6                        | 38.0    | 100.0  | 100.0  |
| Seventh.....      | 2                     | 1    | 75                  | 125   | 56.7                    | 94.0    | 83.2                        | 88.2    | 100.0  | 100.0  |
| Sixth.....        | 1                     | 3    | 126                 | 167   | 111.0                   | 111.8   | 101.0                       | 103.7   | 100.0  | 100.0  |
| Fifth.....        | 1                     | 3    | 168                 | 141   | 168.0                   | 111.0   | 131.0                       | 106.0   | 100.0  | 100.0  |
| Fourth.....       | 4                     | 6    | 179                 | 297   | 117.2                   | 209.6   | 166.2                       | 192.5   | 100.0  | 100.0  |
| Third.....        | 6                     | 4    | 295                 | 197   | 228.1                   | 114.5   | 207.0                       | 128.0   | 100.0  | 100.0  |
| Second.....       | 4                     | 4    | 194                 | 188   | 157.0                   | 156.0   | 147.0                       | 149.0   | 100.0  | 100.0  |
| First.....        | 6                     | 6    | 533                 | 332   | 222.0                   | 218.8   | 290.0                       | 198.8   | 100.0  | 100.0  |
| Kindergarten..... | 2                     | 2    | 93                  | 71    | 51.0                    | 56.0    | 41.0                        | 39.0    | 100.0  | 100.0  |
| Total.....        | 33                    | 32   | 1,588               | 1,911 | 1,413.5                 | 1,139.7 | 1,033.0                     | 1,041.2 | 100.0  | 100.0  |
| Grand total.....  | 87                    | 82   | 4,034               | 5,389 | 3,364.6                 | 2,982.4 | 2,810.1                     | 2,727.4 | 100.0  | 100.0  |

1 Including 23 ungraded schools.

2 Including 20 ungraded schools.

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and of tardiness of teachers.*

| Month.          | Percent<br>age of<br>attend-<br>ance. | Tardiness<br>of<br>teachers. | Cases of tardiness. |       |       | Substitution<br>of<br>teachers. |
|-----------------|---------------------------------------|------------------------------|---------------------|-------|-------|---------------------------------|
|                 |                                       |                              | 1900.               | 1899. | 1900  |                                 |
| WHITE.          |                                       |                              |                     |       |       |                                 |
| September ..... | 96.0                                  | 11                           | 77                  | 51    | 13.0  |                                 |
| October .....   | 92.3                                  | 13                           | 251                 | 213   | 12.5  |                                 |
| November .....  | 91.8                                  | 18                           | 288                 | 289   | 25.0  |                                 |
| December .....  | 90.6                                  | 15                           | 215                 | 289   | 12.5  |                                 |
| January .....   | 90.2                                  | 25                           | 371                 | 297   | 71.5  |                                 |
| February .....  | 89.5                                  | 12                           | 290                 | 151   | 36.0  |                                 |
| March .....     | 88.8                                  | 21                           | 277                 | 247   | 30.0  |                                 |
| April .....     | 90.1                                  | 5                            | 189                 | 154   | 21.0  |                                 |
| May .....       | 91.7                                  | 13                           | 333                 | 253   | 16.0  |                                 |
| June .....      | 92.2                                  | 7                            | 184                 | 155   | 3.5   |                                 |
| Total.....      |                                       |                              | 140                 | 2,508 | 2,129 |                                 |





TABLE II.—*Showing the condition of buildings.*

| Building.                     | How heated.  | Light.                  | Ventilation. | Water closets. | Play rooms. | Yards.     | Ownership. |
|-------------------------------|--------------|-------------------------|--------------|----------------|-------------|------------|------------|
| Tyler.....                    | Furnace..... | Excellent.              | Poor.....    | Poor.....      | Poor.....   | Small..... | Owned      |
| Buchanan.....                 | do.....      | do.....                 | do.....      | Fair.....      | do.....     | do.....    | Do         |
| Cranch.....                   | Stove.....   | Poor <sup>1</sup> ..... | None.....    | Poor.....      | do.....     | do.....    | Do         |
| Van Buren.....                | Furnace..... | Excellent.              | Poor.....    | do.....        | do.....     | do.....    | Do         |
| Van Buren Annex.              | Stoves.....  | Fair <sup>2</sup> ..... | None.....    | None.....      | None.....   | do.....    | Do         |
| Birney.....                   | do.....      | Excellent.              | do.....      | Very poor.     | do.....     | Good.....  | Do         |
| Hillsdale.....                | do.....      | Poor <sup>3</sup> ..... | do.....      | do.....        | do.....     | None.....  | Do         |
| Congress Heights.             | Furnace..... | Excellent.              | do.....      | do.....        | Poor.....   | do.....    | Do         |
| Garfield.....                 | Stoves.....  | Poor <sup>4</sup> ..... | do.....      | do.....        | None.....   | Good.....  | Do         |
| Good Hope.....                | do.....      | Excellent.              | Poor.....    | do.....        | do.....     | Poor.....  | Do         |
| Twining City.....             | do.....      | Very poor.              | None.....    | do.....        | do.....     | None.....  | Do         |
| Benning Road.....             | do.....      | Excellent.              | Poor.....    | do.....        | do.....     | Poor.....  | Owned.     |
| Benning Road Annex.           | do.....      | Very poor.              | None.....    | do.....        | do.....     | do.....    | Do.        |
| Benning.....                  | do.....      | Excellent.              | Poor.....    | do.....        | do.....     | Good.....  | Do         |
| Barrville.....                | do.....      | Poor.....               | Fair.....    | do.....        | do.....     | do.....    | Do         |
| Anacostia Road <sup>5</sup> . | do.....      | do.....                 | None.....    | do.....        | do.....     | Good.....  | Do         |
| Masonic Hall.....             | do.....      | Fair.....               | Poor.....    | Poor.....      | do.....     | None.....  | Rented.    |

<sup>1</sup> Except two third-floor rooms, where the light is very poor.<sup>2</sup> Except two rooms, in which the light is good.<sup>3</sup> Except three rooms, in which the light is fair.<sup>4</sup> Except two rooms, in which the light is excellent.<sup>5</sup> Occupied by carpentry and cooking schools.TABLE III.—*Showing half-day schools.*

| School.        | Half-day schools. |       | Grades of half-day schools. | Number of second grade. |       |
|----------------|-------------------|-------|-----------------------------|-------------------------|-------|
|                | 1900.             | 1899. |                             | 1900.                   | 1899. |
| Tyler.....     | 6                 | 6     | 1, 1, 2, 2, 3, 3            | 2                       | 2     |
| Cranch.....    | 6                 | 3     | 1, 1, 2, 2, 3, 3            | 2                       | 1     |
| Buchanan.....  | 2                 | ..... | .....                       | 1                       | ..... |
| Birney.....    | 6                 | 6     | 1, 1, 2, 3, 3, 1            | 3                       | 2     |
| Hillsdale..... | 1                 | 2     | 1, 2, 4, 5                  | 2                       | ..... |
| Good Hope..... | 2                 | 2     | 1, 2, 3                     | 1                       | ..... |
| Van Buren..... | 8                 | 5     | 1, 1, 1, 2, 2, 2, 3, 3      | 2                       | ..... |
| Garfield.....  | 2                 | ..... | 1, 1                        | .....                   | ..... |
| Total.....     | 36                | 24    | .....                       | 13                      | ..... |

TABLE IV.—*Showing distribution of pupils by grades, attendance, and average number per teacher.*

| Grade.            | Number of schools. |       | Whole enrollment. <sup>1</sup> |       | Average enrollment. <sup>1</sup> |       | Average daily attendance. <sup>1</sup> |       | Average number of pupils per teacher. <sup>2</sup> |                              |
|-------------------|--------------------|-------|--------------------------------|-------|----------------------------------|-------|--|-------|--|------------------------------|
|                   | 1900.              | 1899. | 1900.                          | 1899. | 1900.                            | 1899. | 1900.                                  | 1899. | Based on whole enrollment.                         | Based on average enrollment. |
| WHITE.            |                    |       |                                |       |                                  |       |  |       |  |                              |
| Eighth.....       | 2                  | 2     | 124                            | 109   | 95                               | 87    | 89                                     | 79    | 48   | 48                           |
| Seventh.....      | 3                  | 3     | 145                            | 133   | 122                              | 117   | 114                                    | 108   | 42   | 39                           |
| Sixth.....        | 4                  | 3     | 237                            | 206   | 198                              | 174   | 184                                    | 162   | 42   | 39                           |
| Fifth.....        | 6                  | 4     | 305                            | 283   | 268                              | 231   | 246                                    | 211   | 40   | 34                           |
| Fourth.....       | 8                  | 6     | 402                            | 342   | 336                              | 286   | 306                                    | 258   | 41   | 38                           |
| Third.....        | 8                  | 8     | 413                            | 403   | 347                              | 347   | 317                                    | 315   | 45   | 36                           |
| Second.....       | 8                  | 7     | 349                            | 424   | 296                              | 348   | 272                                    | 318   | 37   | 31                           |
| First.....        | 11                 | 11    | 482                            | 507   | 357                              | 354   | 322                                    | 317   | 42   | 41                           |
| Kindergarten..... | 2                  | 1     | 101                            | 59    | 71                               | 39    | 61                                     | 33    | 50   | 30                           |
| Total.....        | 160                | 154   | 2,358                          | 2,406 | 2,090                            | 1,983 | 1,911                                  | 1,804 | 43   | 39                           |
| COLORED.          |                    |       |                                |       |                                  |       |  |       |  |                              |
| Eighth.....       | 1                  | 1     | 30                             | 32    | 25                               | 27    | 24                                     | 25    | 30   | 29                           |
| Seventh.....      | 1                  | 1     | 55                             | 51    | 46                               | 52    | 43                                     | 49    | 27   | 26                           |
| Sixth.....        | 1                  | 1     | 75                             | 73    | 68                               | 63    | 65                                     | 60    | 37   | 34                           |
| Fifth.....        | 1                  | 1     | 79                             | 92    | 68                               | 72    | 61                                     | 64    | 33   | 30                           |
| Fourth.....       | 3                  | 1     | 130                            | 101   | 105                              | 81    | 93                                     | 75    | 35   | 29                           |
| Third.....        | 3                  | 3     | 119                            | 186   | 131                              | 146   | 123                                    | 129   | 38   | 33                           |
| Second.....       | 3                  | 3     | 159                            | 168   | 121                              | 144   | 115                                    | 135   | 47   | 35                           |
| First.....        | 4                  | 4     | 275                            | 281   | 177                              | 198   | 162                                    | 180   | 50   | 39                           |
| Total.....        | 122                | 122   | 952                            | 988   | 747                              | 783   | 686                                    | 717   | 37   | 31                           |
| Grand total.....  | 183                | 176   | 3,310                          | 3,404 | 2,837                            | 2,766 | 2,597                                  | 2,521 | 40   | 35                           |

<sup>1</sup> Including ungraded schools.<sup>2</sup> Excluding ungraded schools.

TABLE IV—SUPPLEMENT.—*Number of ungraded schools.*

| Grades                 | White. |       | Colored. |       |
|------------------------|--------|-------|----------|-------|
|                        | 1900.  | 1899. | 1900.    | 1899. |
| Seventh and sixth..... | 2      | 2     |          |       |
| Sixth and fifth.....   |        |       | 2        | 2     |
| Fifth and fourth.....  | 1      | 1     |          |       |
| Fourth and third.....  | 1      | 1     | 1        | 1     |
| Third and second.....  | 1      | 2     |          |       |
| Second and first.....  | 2      | 2     | 1        | 2     |
| First and first.....   |        |       | 1        | 1     |
| First and first.....   |        |       | 1        | 1     |
| Total.....             | 8      | 9     | 6        | 7     |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and absence and tardiness of teachers.*

| Months         | Percent-<br>age of at-<br>tendance | Tardiness<br>of teach-<br>ers. | Cases of tardiness. |       | Substitute service. |       |
|----------------|------------------------------------|--------------------------------|---------------------|-------|---------------------|-------|
|                |                                    |                                | 1900.               | 1899. | 1900.               | 1899. |
| WHITE          |                                    |                                |                     |       |                     |       |
| January.....   | 94.8                               | 2                              | 76                  | 67    | 2.0                 | 1.0   |
| February.....  | 90.9                               | 15                             | 184                 | 171   | 5.0                 | 1.5   |
| March.....     | 92.2                               | 35                             | 225                 | 190   | 20.0                | 23.0  |
| April.....     | 91.9                               | 29                             | 173                 | 169   | 8.5                 | 27.5  |
| May.....       | 91.3                               | 69                             | 393                 | 169   | 14.0                | 26.5  |
| June.....      | 90.8                               | 58                             | 273                 | 136   | 20.0                | 29.0  |
| July.....      | 90.5                               | 41                             | 225                 | 194   | 41.5                | 46.0  |
| August.....    | 90.2                               | 16                             | 170                 | 92    | 23.5                | 27.5  |
| September..... | 90.6                               | 14                             | 244                 | 197   | 13.0                | 33.0  |
| October.....   | 93.1                               | 27                             | 96                  | 76    | 15.5                | 7.5   |
| Year.....      |                                    |                                | 306                 | 2,059 | 1,461               | 225.5 |
| COLORED        |                                    |                                |                     |       |                     |       |
| January.....   | 96.2                               | 0                              | 16                  | 12    | 0.0                 | 4.0   |
| February.....  | 92.9                               | 0                              | 76                  | 72    | 7.5                 | 7.0   |
| March.....     | 93.6                               | 3                              | 76                  | 75    | 1.0                 | 3.0   |
| April.....     | 90.7                               | 2                              | 63                  | 70    | 7.0                 | 1.0   |
| May.....       | 92.2                               | 5                              | 93                  | 81    | 1.0                 | 11.0  |
| June.....      | 90.9                               | 5                              | 73                  | 48    | 2.0                 | 5.0   |
| July.....      | 91.5                               | 2                              | 62                  | 81    | 18.0                | 18.5  |
| August.....    | 92.0                               | 4                              | 58                  | 48    | 1.0                 | 2.0   |
| September..... | 91.3                               | 8                              | 79                  | 62    | 9.0                 | 7.5   |
| October.....   | 92.6                               | 2                              | 32                  | 18    | 0.0                 | 5.5   |
| Year.....      |                                    |                                | 33                  | 628   | 567                 | 67.5  |
| Total.....     |                                    |                                | 339                 | 2,687 | 2,126               | 293.0 |

TABLE VI.—*Showing the number of graduates from the Washington normal school, other normal schools, colleges, and nongraduates.*

|  |    |
|--|----|
| White:   |    |
| Washington Normal School.....  | 48 |
| Other normal schools.....  | 6  |
| Colleges.....  | 4  |
| Nongraduates.....  | 4  |
| Total.....   | 62 |
| Colored:   |    |
| Washington Normal School (ninth, tenth, and eleventh divisions)..... | 17 |
| Other normal schools.....  | 3  |
| Colleges.....  | 2  |
| Nongraduates.....  | 2  |
| Total.....   | 24 |

PUBLIC SCHOOLS OF THE DISTRICT OF COLUMBIA  
NINTH, TENTH, AND ELEVENTH DIVISIONS

ENROLLMENT.

|   |        |
|---|--------|
| Whole number of pupils enrolled.....              | 13,718 |
| Average number of pupils enrolled.....            | 10,611 |
| Average number of pupils in daily attendance..... | 9,075  |

WHOLE ENROLLMENT.

The whole enrollment was distributed as follows, viz:

| Grade              | Boys | Girls |
|--------------------|------|-------|
| Normal school..... | 18   | 0     |
| High school.....   | 198  | 40    |
| Total.....         | 216  | 40    |

The whole enrollment in the ninth division was distributed as follows:

| Grade              | Boys  | Girls |
|--------------------|-------|-------|
| Grammar schools:   |       |       |
| Eighth grade.....  | 31    | 15    |
| Seventh grade..... | 82    | 103   |
| Sixth grade.....   | 118   | 280   |
| Fifth grade.....   | 181   | 217   |
| Total.....         | 402   | 515   |
| Primary schools:   |       |       |
| Fourth grade.....  | 208   | 0     |
| Third grade.....   | 272   | 0     |
| Second grade.....  | 304   | 40    |
| First grade.....   | 163   | 18    |
| Total.....         | 1,247 | 58    |
| Kindergarten.....  | 12    | 41    |
| Grand total.....   | 1,746 | 614   |

The whole enrollment in the tenth division was distributed as follows, viz:

| Grade              | Boys  | Girls |
|--------------------|-------|-------|
| Grammar schools:   |       |       |
| Eighth grade.....  | 85    | 115   |
| Seventh grade..... | 114   | 134   |
| Sixth grade.....   | 110   | 118   |
| Fifth grade.....   | 150   | 217   |
| Total.....         | 459   | 684   |
| Primary schools:   |       |       |
| Fourth grade.....  | 201   | 273   |
| Third grade.....   | 261   | 352   |
| Second grade.....  | 275   | 371   |
| First grade.....   | 511   | 692   |
| Total.....         | 1,248 | 1,688 |
| Kindergarten.....  | 61    | 78    |
| Grand total.....   | 1,777 | 2,400 |

The whole enrollment in the eleventh division was distributed as follows:

| Grade    | Boys. | Girls. | Total. |
|----------|-------|--------|--------|
| First    | 42    | 87     | 129    |
| Second   | 94    | 111    | 205    |
| Third    | 83    | 181    | 264    |
| Fourth   | 171   | 230    | 401    |
| Fifth    | 350   | 612    | 962    |
| Sixth    | 191   | 293    | 484    |
| Seventh  | 290   | 248    | 538    |
| Eighth   | 319   | 329    | 648    |
| Ninth    | 621   | 333    | 1,054  |
| Tenth    | 1,277 | 1,403  | 2,680  |
| Eleventh | 74    | 92     | 166    |
| Total    | 4,701 | 2,407  | 7,108  |

The whole enrollment in all schools in the ninth, tenth, and eleventh divisions was distributed as follows, viz:

| Grade    | Boys. | Girls. | Total. |
|----------|-------|--------|--------|
| First    | 78    | 94     | 172    |
| Second   | 198   | 306    | 504    |
| Third    | 216   | 600    | 816    |
| Fourth   | 181   | 327    | 508    |
| Fifth    | 240   | 429    | 669    |
| Sixth    | 341   | 542    | 883    |
| Seventh  | 311   | 726    | 1,037  |
| Eighth   | 1,283 | 2,024  | 3,307  |
| Ninth    | 600   | 871    | 1,471  |
| Tenth    | 783   | 903    | 1,686  |
| Eleventh | 894   | 1,008  | 1,902  |
| Total    | 1,497 | 1,677  | 3,174  |
| Total    | 3,774 | 4,459  | 8,233  |
| Total    | 177   | 215    | 392    |
| Total    | 3,497 | 4,244  | 7,741  |

#### AVERAGE ENROLLMENT.

The average enrollment was distributed as follows, viz:

| Grade  | Normal school. | High school. | Ninth division. | Tenth division. | Eleventh division. | Total. |
|--------|----------------|--------------|-----------------|-----------------|--------------------|--------|
| First  | 107            | 633          |                 |                 |                    | 107    |
| Second | 107            | 633          |                 |                 |                    | 710    |
| Third  |                |              | 158             | 175             | 113                | 446    |
| Fourth |                |              | 212             | 223             | 146                | 581    |
| Fifth  |                |              | 311             | 226             | 228                | 765    |
| Sixth  |                |              | 390             | 321             | 339                | 1,050  |
| Total  |                |              | 1,074           | 915             | 826                | 2,815  |

# PUBLIC SCHOOLS OF THE DISTRICT OF COLUMBIA NINTH, TENTH, AND ELEVENTH DIVISIONS

## ENROLLMENT.

|   |        |        |
|---|--------|--------|
| Whole number of pupils enrolled.....              | 57,802 | 10,786 |
| Average number of pupils enrolled.....            | 111    | 20.57  |
| Average number of pupils in daily attendance..... | 96     | 18.29  |

## WHOLE ENROLLMENT.

The whole enrollment was distributed as follows, viz:

| Grade              | Boys | Girls | Total |
|--------------------|------|-------|-------|
| Normal school..... | 18   | 31    | 49    |
| High school.....   | 148  | 300   | 448   |
| Total.....         | 216  | 331   | 547   |

The whole enrollment in the ninth division was distributed as follows:

| Grade                | Boys  | Girls | Total |
|----------------------|-------|-------|-------|
| Grammar schools..... |       |       |       |
| Eighth grade.....    | 81    | 115   | 196   |
| Seventh grade.....   | 83    | 103   | 186   |
| Sixth grade.....     | 118   | 120   | 238   |
| Fifth grade.....     | 181   | 177   | 358   |
| Total.....           | 463   | 515   | 978   |
| Primary schools..... |       |       |       |
| Fourth grade.....    | 208   | 260   | 468   |
| Third grade.....     | 252   | 301   | 553   |
| Second grade.....    | 304   | 320   | 624   |
| First grade.....     | 405   | 412   | 817   |
| Total.....           | 1,269 | 1,393 | 2,662 |
| Kindergarten.....    | 42    | 5     | 47    |
| Grand total.....     | 1,746 | 2,403 | 4,149 |

The whole enrollment in the tenth division was distributed as follows, viz:

| Grade                | Boys  | Girls | Total |
|----------------------|-------|-------|-------|
| Grammar schools..... |       |       |       |
| Eighth grade.....    | 85    | 115   | 200   |
| Seventh grade.....   | 114   | 174   | 288   |
| Sixth grade.....     | 110   | 118   | 228   |
| Fifth grade.....     | 159   | 217   | 376   |
| Total.....           | 468   | 624   | 1,092 |
| Primary schools..... |       |       |       |
| Fourth grade.....    | 201   | 275   | 476   |
| Third grade.....     | 261   | 352   | 613   |
| Second grade.....    | 275   | 371   | 646   |
| First grade.....     | 511   | 692   | 1,203 |
| Total.....           | 1,248 | 1,688 | 2,936 |
| Kindergarten.....    | 61    | 78    | 139   |
| Grand total.....     | 1,777 | 2,490 | 4,267 |

The whole enrollment in the eleventh division was distributed as follows:

| Grade | Boys. | Girls. | Total. |
|-------|-------|--------|--------|
| 11th  | 42    | 87     | 129    |
| 12th  | 54    | 114    | 168    |
| 13th  | 85    | 181    | 264    |
| 14th  | 171   | 230    | 401    |
| Total | 352   | 612    | 962    |
| 11th  | 131   | 236    | 484    |
| 12th  | 240   | 218    | 498    |
| 13th  | 315   | 329    | 644    |
| 14th  | 321   | 333    | 1,051  |
| Total | 1,007 | 1,116  | 2,123  |
| 11th  | 74    | 92     | 166    |
| Total | 1,081 | 1,208  | 2,289  |

The whole enrollment in all schools in the ninth, tenth, and eleventh divisions was distributed as follows, viz:

| Grade | Boys. | Girls. | Total. |
|-------|-------|--------|--------|
| 9th   | 18    | 91     | 112    |
| 10th  | 198   | 506    | 704    |
| 11th  | 96    | 600    | 816    |
| 12th  | 181   | 327    | 508    |
| 13th  | 240   | 429    | 679    |
| 14th  | 311   | 542    | 883    |
| 15th  | 341   | 726    | 1,237  |
| Total | 1,385 | 2,024  | 3,407  |
| 9th   | 600   | 871    | 1,471  |
| 10th  | 784   | 903    | 1,686  |
| 11th  | 894   | 1,008  | 1,902  |
| 12th  | 1,497 | 1,677  | 3,174  |
| 13th  | 3,774 | 4,459  | 8,233  |
| 14th  | 177   | 215    | 392    |
| Total | 8,130 | 9,135  | 17,265 |

#### AVERAGE ENROLLMENT.

The average enrollment was distributed as follows, viz:

| Grade | Normal school. | High school. | Ninth division. | Tenth division. | Eleventh division. | Total. |
|-------|----------------|--------------|-----------------|-----------------|--------------------|--------|
| 107   | 107            |              |                 |                 |                    | 107    |
| 633   |                | 633          |                 |                 |                    | 633    |
| 740   | 107            | 633          |                 |                 |                    | 740    |
| 446   |                |              | 158             | 175             | 113                | 446    |
| 581   |                |              | 212             | 223             | 146                | 581    |
| 768   |                |              | 314             | 226             | 228                | 768    |
| 1,050 |                |              | 390             | 321             | 339                | 1,050  |
| 2,815 |                |              | 1,071           | 915             | 826                | 2,815  |

| Grade.             | Normal school. | High school. | Ninth division. | Tenth division. | Eleventh division. | Total. |
|--------------------|----------------|--------------|-----------------|-----------------|--------------------|--------|
| Primary schools:   |                |              |                 |                 |                    |        |
| Fourth grade ..... |                |              | 450             | 403             | 412                | 1,265  |
| Third grade .....  |                |              | 469             | 337             | 431                | 1,237  |
| Second grade ..... |                |              | 509             | 553             | 540                | 1,602  |
| First grade .....  |                |              | 654             | 884             | 798                | 2,336  |
| Total .....        |                |              | 2,092           | 2,377           | 2,185              | 6,654  |
| Kindergarten ..... |                |              | 66              | 74              | 94                 | 234    |
| Grand total .....  | 107            | 633          | 3,232           | 3,395           | 3,106              | 10,171 |

## AVERAGE ATTENDANCE.

The average attendance was distributed as follows, viz:

| Grade.              | Normal school. | High school. | Ninth division. | Tenth division. | Eleventh division. | Total. |
|---------------------|----------------|--------------|-----------------|-----------------|--------------------|--------|
| Normal school ..... | 104            |              |                 |                 |                    | 104    |
| High school .....   |                | 606          |                 |                 |                    | 606    |
| Total .....         | 104            | 606          |                 |                 |                    | 710    |
| Grammar schools:    |                |              |                 |                 |                    |        |
| Eighth grade .....  |                |              | 152             | 169             | 107                | 428    |
| Seventh grade ..... |                |              | 204             | 216             | 119                | 539    |
| Sixth grade .....   |                |              | 298             | 215             | 219                | 732    |
| Fifth grade .....   |                |              | 371             | 310             | 324                | 1,005  |
| Total .....         |                |              | 1,025           | 910             | 769                | 2,704  |
| Primary schools:    |                |              |                 |                 |                    |        |
| Fourth grade .....  |                |              | 426             | 389             | 386                | 1,201  |
| Third grade .....   |                |              | 441             | 506             | 403                | 1,350  |
| Second grade .....  |                |              | 479             | 519             | 500                | 1,508  |
| First grade .....   |                |              | 616             | 824             | 741                | 2,181  |
| Total .....         |                |              | 1,962           | 2,238           | 2,035              | 6,235  |
| Kindergarten .....  |                |              | 58              | 63              | 82                 | 203    |
| Grand total .....   | 104            | 606          | 3,045           | 3,211           | 2,906              | 9,868  |

The per cent of the whole enrollment in the different grades is shown in the following table:

| Schools.              | Percent. |
|-----------------------|----------|
| Normal school .....   | 0.88     |
| High school .....     | 5.97     |
| Grammar schools ..... | 27.94    |
| Primary schools ..... | 61.8     |
| Kindergartens .....   | 2.08     |
| Total .....           | 100.00   |

## SCHOOLS.

| Grade.              | Normal school. | High school. | Divisions. |        |           | Total. |
|---------------------|----------------|--------------|------------|--------|-----------|--------|
|                     |                |              | Ninth.     | Tenth. | Eleventh. |        |
| Normal school ..... | 1              |              |            |        |           | 1      |
| High school .....   |                | 1            |            |        |           | 1      |
| Total .....         | 1              | 1            |            |        |           | 2      |
| Grammar schools:    |                |              |            |        |           |        |
| Eighth grade .....  |                |              | 4          | 5      | 3         | 12     |
| Seventh grade ..... |                |              | 6          | 6      | 4         | 16     |

## SCHOOLS—Continued.

| Grade.                     | Normal school. | High school. | Divisions. |        |           | Total. |
|----------------------------|----------------|--------------|------------|--------|-----------|--------|
|                            |                |              | Ninth.     | Tenth. | Eleventh. |        |
| Grammar schools—Continued. |                |              |            |        |           |        |
| Sixth grade .....          |                |              | 9          | 7      | 6         | 22     |
| Fifth grade .....          |                |              | 10         | 9      | 9         | 28     |
| Total .....                |                |              | 29         | 27     | 22        | 78     |
| Primary schools:           |                |              |            |        |           |        |
| Fourth grade .....         |                |              | 12         | 11     | 11        | 34     |
| Third grade .....          |                |              | 13         | 14     | 12        | 39     |
| Second grade .....         |                |              | 15         | 15     | 14        | 44     |
| First grade .....          |                |              | 20         | 25     | 24        | 69     |
| Total .....                |                |              | 60         | 65     | 61        | 186    |
| Kindergarten .....         |                |              | 2          | 2      | 3         | 7      |
| Grand total .....          | 1              | 1            | 91         | 94     | 86        | 273    |

\* Two under instruction of assistant teachers in the normal school.

\* Three under instruction of assistant teachers in the normal school.

\* Two under instruction of one teacher.

## TEACHERS.

The whole number of teachers employed was 352, of whom 294 were female and 58 male. They were employed as follows:

|   |     |
|---|-----|
| Supervising principals .....              | 3   |
| Normal school .....                       | 7   |
| High school .....                         | 31  |
| Grammar schools:                          | 12  |
| Eighth grade .....                        | 16  |
| Seventh grade .....                       | 22  |
| Sixth grade .....                         | 28  |
| Fifth grade .....                         |     |
| Primary schools:                          | 34  |
| Fourth grade .....                        | 37  |
| Third grade .....                         | 41  |
| Second grade .....                        | 66  |
| First grade .....                         | 14  |
| Kindergarten .....                        | 6   |
| Teachers of music .....                   | 6   |
| Teachers of drawing .....                 | 6   |
| Teachers of carpentry .....               | 2   |
| Teachers of metal working .....           | 5   |
| Teachers of cookery .....                 | 9   |
| Teachers of sewing .....                  | 4   |
| Teachers of physical culture .....        | 1   |
| Director of primary work .....            | 2   |
| Assistant directors of primary work ..... |     |
| Total .....                               | 352 |

## The day schools cost—

|  |              |
|--|--------------|
| For teachers and supervisors .....   | \$228,263.30 |
| For janitors .....   | 16,633.00    |
| For rent .....   | 3,936.00     |
| For fuel .....   | 11,324.16    |
| For contingent expenses, including printing, etc .....                           | 8,051.90     |
| For free text-books and supplies .....   | 11,645.00    |
| For industrial instruction, including manual training, cooking, and sewing ..... | 2,523.28     |

a Includes \$3,033.87 paid teachers of kindergartens.



|  |             |
|--|-------------|
| For flags.....                                 | \$20.00     |
| For repairs to building.....                   | 11.10       |
| For repairs to plumbing.....                   | 1.00        |
| For new buildings.....                         | 16,000.00   |
| For kindergartens (exclusive of salaries)..... | 4,000.00    |
| Total.....                                     | \$21,031.10 |

There were enrolled in the night schools 1,335 persons. They were taught by 25 teachers, of whom 4 were male and 21 female.

The night schools cost—

|                             |            |
|-----------------------------|------------|
| For teachers.....           | \$2,000.00 |
| For incidental expense..... | 100.00     |
| Total.....                  | \$2,100.00 |

The day schools were in session 179 days; the night school—open 55 nights.

The cost of schools for supervision and teaching—

|   |            |
|---|------------|
| Superintendent.....   | \$7,000.00 |
| Clerk.....  | 500.00     |
| Messenger.....  | 100.00     |
| Supervising principals, 3, at \$2,000 each.....                   | 6,000.00   |
| One director of primary work.....                                 | 1,000.00   |
| One assistant director of primary work.....                       | 1,000.00   |
| Total.....  | 15,600.00  |
| Cost per pupil (estimated on the average enrollment, 10,474)..... | 1.49       |

#### *Tuition.*

Normal school:

|  |            |
|--|------------|
| Principal.....   | \$1,500.00 |
| One teacher.....   | 1,000.00   |
| Two teachers.....  | 1,000.00   |
| One teacher.....   | 750.00     |
| One teacher.....   | 600.00     |
| One teacher.....   | 400.00     |
| Total.....   | 15,850.00  |
| Cost per pupil (estimated on the average enrollment, 107)..... | 148.14     |

High school:

|                      |           |
|----------------------|-----------|
| Principal.....       | 1,800.00  |
| Thirty teachers..... | 24,000.00 |

Total.....

25,800.00

Cost per pupil (estimated on the average enrollment, 633).....

40.76

Grammar schools (12 eighth-grade, 16 seventh-grade, 22 sixth-grade, and 28 fifth-grade schools).....

62,750.00

Cost per pupil (estimated on average enrollment, 2,815).....

22.30

Primary schools (34 fourth-grade, 39 third-grade, 44 second-grade, and 69 first-grade schools).....

92,750.00

Cost per pupil (estimated on average enrollment, 6,655).....

13.94

Kindergartens (7 teachers and 7 assistants).....

3,000.00

Cost per pupil (estimated on average enrollment, 234).....

12.82

Special teachers (6 music teachers, 6 drawing teachers, 4 physical-culture teachers).....

11,480.00

Cost per pupil (estimated on average enrollment, 10,474).....

1.10

Teachers of manual training (carpentry, 6; of metal working, 2; of cookery, 5; of sewing, 9).....

14,820.00

Cost per pupil (estimated on average enrollment, 10,474).....

1.42

Average cost per pupil for tuition in all schools (based on average enrollment, 10,474).....

20.40

<sup>1</sup> Including the cost of teaching 8 practice schools, \$3,786.74

<sup>2</sup> To be increased by the cost of teaching 8 practice schools, \$3,786.74.

*Summary.*

|   |              |
|---|--------------|
| Amount of instruction, including supervision .....        | \$228,263.30 |
| Average number of pupils enrolled .....                   | 12,748       |
| Average number of pupils enrolled .....                   | 10,474       |
| Average daily attendance .....                            | 9,872        |
| Cost of instruction, including supervision, estimated on— |              |
| Whole enrollment .....                                    | \$17.90      |
| Average enrollment .....                                  | \$21.79      |
| Average daily attendance .....                            | \$23.12      |

*Janitors.*

|                       |             |
|-----------------------|-------------|
| Amount expended ..... | \$16,633.00 |
|-----------------------|-------------|

*Contingent expenses.*

|  |            |
|--|------------|
| Amount expended .....  | \$8,051.90 |
| Amount per pupil (estimated on the average enrollment) ..... | .76        |

*Kindergartens.*

|  |            |
|--|------------|
| Amount expended, exclusive of salaries .....                 | \$1,010.02 |
| Amount per pupil (estimated on the average enrollment) ..... | 1.31       |

*Free text-books and supplies.*

|  |             |
|--|-------------|
| Amount expended .....                                    | \$11,645.00 |
| Amount per pupil (estimated on average enrollment) ..... | 1.22        |

*Industrial instruction.*

|   |            |
|---|------------|
| Amount expended for material, etc. .... | \$2,523.28 |
|---|------------|

*Fuel.*

|                       |             |
|-----------------------|-------------|
| Amount expended ..... | \$11,324.16 |
|-----------------------|-------------|

*Rent.*

|                       |            |
|-----------------------|------------|
| Amount expended ..... | \$3,936.00 |
|-----------------------|------------|

*Flags.*

|                       |         |
|-----------------------|---------|
| Amount expended ..... | \$15.00 |
|-----------------------|---------|

*SUMMARY.*

|  |              |
|--|--------------|
| Amount expended, grand total .....   | \$283,401.66 |
| Amount per pupil (including high and normal schools) for all expenses except repairs and permanent improvements: |              |
| On whole enrollment .....  | 22.23        |
| On average enrollment .....  | 27.05        |
| On average daily attendance .....  | 28.71        |

The following embrace, among other statistics, the average salary per teacher for the normal school, high school, grammar schools, primary schools, special instruction, and kindergartens:

*Normal school.*

|                                   |          |
|-----------------------------------|----------|
| Number of teachers trained .....  | 112      |
| Average attendance .....          | 104      |
| Number of teachers employed ..... | 7        |
| Average salary .....              | \$841.01 |

*High school.*

|   |          |
|---|----------|
| Number of pupils enrolled .....                                       | 704      |
| Average enrollment .....  | 633      |
| Average attendance .....  | 606      |
| Per cent of attendance .....  | 95.6     |
| Average number of tardiness per month .....                           | 42.7     |
| Number of pupils dismissed .....                                      | 0        |
| Number of teachers employed .....                                     | 31       |
| Average salary paid .....   | \$832.78 |
| Cost of tuition per pupil (estimated on the average enrollment) ..... | \$40.78  |

*Grammar and primary schools.*

|   |          |
|---|----------|
| Number of pupils enrolled .....   | 11,540   |
| Average enrollment .....  | 9,500    |
| Average attendance .....  | 8,959    |
| Per cent of attendance .....  | 98.4     |
| Average number of tardiness per month .....   | 545      |
| Number of pupils dismissed .....  | 1        |
| Number of cases of corporal punishment .....  | 20       |
| Number of teachers employed .....   | 256      |
| Average salary paid .....   | \$907.44 |
| Average number of pupils to the teacher (estimated on the average enrollment) ..... | 37.1     |
| Cost of tuition per pupil (estimated on the average enrollment) .....               | \$16.36  |

*Kindergartens.*

|   |          |
|---|----------|
| Number of pupils enrolled .....                                       | 392      |
| Average enrollment .....  | 231      |
| Average attendance .....  | 203      |
| Per cent of attendance .....  | 87.0     |
| Average number of tardiness per month .....                           | 19.9     |
| Number of pupils dismissed .....                                      | 0        |
| Number of teachers employed .....                                     | 14       |
| Average salary paid .....   | \$216.70 |
| Cost of tuition per pupil (estimated on the average enrollment) ..... | \$12.96  |

*Special teachers.*

|  |          |
|--|----------|
| Drawing .....  | 6        |
| Music .....  | 6        |
| Physical culture .....   | 4        |
| Average salary paid:   |          |
| Music .....  | \$739.86 |
| Drawing .....  | \$708.33 |
| Teachers of physical culture .....   | \$700.00 |
| Average cost per pupil for special tuition (estimated on the average enrollment) ..... | \$1.09   |

*Teachers of industrial instruction.*

|   |          |
|---|----------|
| Manual training (carpentry and metal working) .....   | 8        |
| Cooking .....   | 5        |
| Sewing .....  | 9        |
| Average salary paid:  |          |
| Manual training .....   | \$784.37 |
| Cooking .....   | \$640.00 |
| Sewing .....  | \$594.44 |
| Average cost per pupil for industrial instruction (estimated on the average enrollment) ..... | \$1.41   |

TABLE I.—*Showing the more essential statistics of the night schools for every year since first appropriation was made for this instruction.*

| Year.   | Whole enrollment. | Average enrollment. | Average attendance. | Percent of attendance. | Time.             |                  | Number of school buildings used for night schools. | Number of teachers. | Entire cost of teaching. |
|---------|-------------------|---------------------|---------------------|------------------------|-------------------|------------------|--|---------------------|--------------------------|
|         |                   |                     |                     |                        | Number of nights. | Number of hours. |  |                     |                          |
| 1892-93 |                   |                     | 232                 |                        | 37.0              | 74.0             | 1  | 8                   | ( <sup>1</sup> )         |
| 1893-94 |                   | 167                 | 378                 | 80.9                   | 52.0              | 104.0            | 3  | 12                  | \$1,248.00               |
| 1894-95 | 1,053             | 738                 | 650                 | 88.0                   | 51.0              | 102.0            | 5  | 20                  | 2,295.00                 |
| 1895-96 | 1,080             | 703                 | 619                 | 88.0                   | 57.5              | 115.0            | 5  | 20                  | 2,300.00                 |
| 1896-97 | 1,158             | 744                 | 644                 | 86.5                   | 55.0              | 110.0            | 5  | 20                  | 2,200.00                 |
| 1897-98 | 1,395             | 846                 | 700                 | 82.7                   | 56.0              | 112.0            | 6  | 24                  | 2,699.98                 |
| 1898-99 | 1,353             | 835                 | 751                 | 85.4                   | 48.0              | 96.0             | 6  | 24                  | 2,320.00                 |
| 1899-00 | 1,315             | 806                 | 779                 | 86.8                   | 47.0              | 94.0             | 6  | 27                  | 2,501.50                 |
| 1900-01 | 1,365             | 921                 | 792                 | 85.9                   | 47.0              | 94.0             | 6  | 27                  | 2,520.50                 |
| 1901-02 | 1,342             | 840                 | 723                 | 86.0                   | 47.0              | 94.0             | 6  | 27                  | 2,498.00                 |
| 1902-03 | 1,508             | 973                 | 851                 | 87.4                   | 48.0              | 96.0             | 7  | 27                  | 2,500.00                 |
| 1903-04 | 1,420             | 946                 | 801                 | 84.4                   | 45.0              | 90.0             | 6  | 26                  | 2,299.00                 |
| 1904-05 | 1,395             | 921                 | 808                 | 87.7                   | 42.0              | 84.0             | 6  | 25                  | 2,097.00                 |
| 1905-06 | 1,384             | 772                 | 596                 | 77.1                   | 44.7              | 89.4             | 7  | 25                  | 2,274.75                 |
| 1906-07 | 1,335             | 754                 | 620                 | 82.2                   | 55.2              | 110.5            | 7  | 25                  | 2,800.25                 |

<sup>1</sup> Course borne partly by the District of Columbia and partly by an association of ladies who were induced by their efforts to have the night schools established.

The following table gives, among other items, the entire enrollment, the average enrollment, the average attendance, the number of teachers employed, and the cost of instruction in each of the seven night schools, as well as in all:

|                           | Whole enrollment. | Average enrollment. | Average attendance. | Percent of attendance. | Time.             |                  | Number of teachers. | Average number to the teacher. <sup>1</sup> | Cost per night. | Entire cost of teaching. |
|---------------------------|-------------------|---------------------|---------------------|------------------------|-------------------|------------------|---------------------|---|-----------------|--------------------------|
|                           |                   |                     |                     |                        | Number of nights. | Number of hours. |                     |   |                 |                          |
| Devereux                  | 274               | 146                 | 118                 | 80.4                   | 55                | 110              | 5                   | 29  | 9.75            | 536.25                   |
| Washington High (Stevens) | 53                | 28                  | 23                  | 82.7                   | 57                | 114              | 2                   | 14  | 4.50            | 256.50                   |
| Armistead                 | 120               | 57                  | 42                  | 74.3                   | 55                | 110              | 3                   | 19  | 6.25            | 343.75                   |
| Condict                   | 170               | 90                  | 76                  | 83.2                   | 55                | 110              | 3                   | 30  | 6.25            | 343.75                   |
| Clark                     | 249               | 141                 | 117                 | 82.9                   | 55                | 110              | 4                   | 35  | 8.00            | 440.00                   |
| Lincoln                   | 189               | 150                 | 128                 | 85.1                   | 55                | 110              | 4                   | 37  | 8.00            | 440.00                   |
| Harbord                   | 280               | 142                 | 116                 | 82.3                   | 55                | 110              | 4                   | 35  | 8.00            | 440.00                   |
| Total                     | 1,335             | 754                 | 620                 | 82.2                   |                   |                  | 25                  | 30  | 50.75           | 2,800.25                 |

<sup>1</sup> Based on the average enrollment.

TABLE II.—*Showing the average number of pupils to the school, of grades below the high school, based on the whole and the average enrollment.*

| Grade.       | Schools. | Whole enrollment. | Average to the school. <sup>1</sup> | Average enrollment. | Average to the school. <sup>2</sup> |
|--------------|----------|-------------------|-------------------------------------|---------------------|-------------------------------------|
| High         | 12       | 508               | 42.3                                | 446                 | 37.1                                |
| Seventh      | 16       | 679               | 42.4                                | 581                 | 36.5                                |
| Sixth        | 22       | 883               | 40.1                                | 768                 | 34.9                                |
| Fifth        | 28       | 1,237             | 44.1                                | 1,050               | 37.5                                |
| Fourth       | 34       | 1,471             | 43.2                                | 1,265               | 37.2                                |
| Third        | 39       | 1,686             | 43.2                                | 1,437               | 36.8                                |
| Second       | 44       | 1,902             | 43.2                                | 1,607               | 36.5                                |
| First        | 69       | 3,174             | 46.0                                | 2,346               | 34.0                                |
| Total        | 264      | 11,540            | 43.7                                | 9,500               | 35.9                                |
| Kindergraten | 7        | 392               | 56.0                                | 234                 | 37.4                                |
| Grand total. | 271      | 11,932            | 44.0                                | 9,734               | 35.8                                |

<sup>1</sup> Based on the whole enrollment.

<sup>2</sup> Based on the average enrollment.

TABLE III.—*Showing the whole number enrolled in each grade and percentage of school mental for the school years 1898-99 and 1899-1900, with increase and decrease.*

| Grade.                       | 1898-1900         |           | 1899-1900         |           | Increase or decrease. | Percentage. |
|------------------------------|-------------------|-----------|-------------------|-----------|-----------------------|-------------|
|                              | Whole enrollment. | Per cent. | Whole enrollment. | Per cent. |                       |             |
| Normal school.....           | 112               | 0.88      | 70                | 0.53      | 42                    | 38.39       |
| High school.....             | 704               | 5.32      | 678               | 5.30      | 26                    | 3.69        |
| Eighth grade.....            | 408               | 3.98      | 400               | 3.91      | 8                     | 1.96        |
| Seventh grade.....           | 679               | 5.33      | 677               | 5.29      | 2                     | 0.29        |
| Sixth grade.....             | 882               | 6.95      | 924               | 7.22      | 42                    | 4.76        |
| Fifth grade.....             | 1,237             | 9.70      | 1,254             | 9.80      | 17                    | 1.37        |
| Fourth grade.....            | 1,171             | 11.34     | 1,516             | 11.85     | 345                   | 29.46       |
| Third grade.....             | 1,686             | 13.23     | 1,777             | 14.89     | 91                    | 5.39        |
| Second grade.....            | 1,902             | 14.92     | 2,000             | 16.02     | 98                    | 5.15        |
| First grade.....             | 1,174             | 9.00      | 1,100             | 8.60      | 74                    | 6.29        |
| Kindergarten.....            | 392               | 3.07      | 413               | 3.17      | 21                    | 5.36        |
| Total.....                   | 12,748            | 100       | 13,794            | 100       | 1,046                 | 8.23        |
| SUMMARY.                     |                   |           |                   |           |                       |             |
| Normal and high schools..... | 816               | 6.39      | 748               | 5.83      | 68                    | 8.33        |
| Grammar schools.....         | 3,001             | 23.61     | 3,210             | 24.23     | 209                   | 6.96        |
| Primary schools.....         | 8,228             | 64.09     | 8,478             | 64.96     | 250                   | 3.05        |
| Kindergartens.....           | 392               | 3.07      | 413               | 3.17      | 21                    | 5.36        |
| Total.....                   | 12,748            | 100       | 13,794            | 100       | 1,046                 | 8.23        |

TABLE IV.—*Showing the number of school of each grade below the high school.*

| Division.     | Kindergarten. | Grade. |         |        |         |        |        |          |         |
|---------------|---------------|--------|---------|--------|---------|--------|--------|----------|---------|
|               |               | First. | Second. | Third. | Fourth. | Fifth. | Sixth. | Seventh. | Normal. |
| Ninth.....    | 2             | 29     | 33      | 3      | 12      | 10     | 9      | 6        | 1       |
| Tenth.....    | 2             | 2      | 11      | 14     | 11      | 9      | 7      | 6        | 1       |
| Eleventh..... | 3             | 24     | 34      | 12     | 11      | 9      | 6      | 4        | 1       |
| Total.....    | 7             | 63     | 78      | 29     | 34      | 28     | 22     | 16       | 4       |

TABLE V.—*Showing the absolute and relative growth of the high school.*

| Year.          | Number enrolled in all grades excluding Normal School. | Number enrolled in the high school. | Per cent enrollment in all grades excluding Normal School. | Teachers in all grades excluding Normal School teachers. | Teachers in high school. | Per cent of teachers in high school on number of teachers in all grades excluding those in Normal school. | Ratio of high school to normal school. |
|----------------|--|-------------------------------------|--|--|--------------------------|---|--|
| 1883-84.....   | 10,148   | 247                                 | 2.4  | 174  | 6                        | 3.4   | 1.00                                   |
| 1886-87.....   | 10,345   | 276                                 | 2.7  | 182  | 8                        | 4.4   | 1.22                                   |
| 1887-88.....   | 11,000   | 367                                 | 3.3  | 188  | 9                        | 4.8   | 1.39                                   |
| 1888-89.....   | 11,430   | 416                                 | 3.7  | 197  | 11                       | 5.6   | 1.58                                   |
| 1889-90.....   | 11,298   | 515                                 | 4.6  | 211  | 12                       | 5.7   | 1.66                                   |
| 1890-91.....   | 12,106   | 576                                 | 4.8  | 226  | 14                       | 6.2   | 1.77                                   |
| 1891-92.....   | 12,553   | 697                                 | 5.6  | 240  | 17                       | 7.0   | 1.94                                   |
| 1892-93.....   | 12,303   | 744                                 | 6.1  | 251  | 18                       | 7.2   | 2.00                                   |
| 1893-94.....   | 12,207   | 660                                 | 5.4  | 268  | 19                       | 7.0   | 2.00                                   |
| 1894-95.....   | 12,143   | 648                                 | 5.4  | 281  | 22                       | 7.8   | 2.13                                   |
| 1895-96.....   | 12,846   | 675                                 | 5.3  | 292  | 24                       | 8.2   | 2.27                                   |
| 1896-97.....   | 12,844   | 736                                 | 5.7  | 303  | 26                       | 8.6   | 2.41                                   |
| 1897-98.....   | 12,949   | 680                                 | 5.3  | 312  | 27                       | 8.6   | 2.41                                   |
| 1898-99.....   | 12,724   | 678                                 | 5.3  | 327  | 29                       | 8.8   | 2.50                                   |
| 1899-1900..... | 12,636   | 704                                 | 5.6  | 345  | 31                       | 8.9   | 2.56                                   |

TABLE VI.—*Showing the number of schools of each grade, two of which occupy one building.*

| Division.     | Half-day schools. |       | Grades of half-day schools. | Number of second grades. |       |
|---------------|-------------------|-------|-----------------------------|--------------------------|-------|
|               | 1900.             | 1899. |                             | 1900.                    | 1899. |
| Ninth.....    | 32                | 32    | 1,2,3                       | 1                        | 1     |
| Tenth.....    | 62                | 40    | 1,2,3,4                     | 31                       | 1     |
| Eleventh..... | 10                | 26    | 1,2,3,4                     | 2                        | 1     |
| Total.....    | 104               | 118   |                             | 34                       | 2     |

TABLE VII.—*Showing the number of school buildings and schoolrooms owned and rented.*

| Years.  | Buildings. |         |        | Rooms. |         |        | Years.    | Buildings. |         |        | Rooms. |         |        |
|---------|------------|---------|--------|--------|---------|--------|-----------|------------|---------|--------|--------|---------|--------|
|         | owned.     | Rented. | Total. | owned. | Rented. | Total. |           | owned.     | Rented. | Total. | owned. | Rented. | Total. |
| 1870-71 | 10         | 2       | 12     | 95     | 15      | 110    | 1892-93   | 21         | 2       | 23     | 198    | 10      | 208    |
| 1871-72 | 12         | 4       | 16     | 111    | 17      | 131    | 1893-94   | 22         | 2       | 24     | 206    | 10      | 216    |
| 1872-73 | 11         | 4       | 15     | 112    | 17      | 129    | 1894-95   | 22         | 2       | 24     | 206    | 10      | 216    |
| 1873-74 | 13         | 9       | 22     | 129    | 27      | 156    | 1895-96   | 22         | 3       | 25     | 212    | 21      | 231    |
| 1874-75 | 13         | 8       | 21     | 129    | 27      | 156    | 1896-97   | 24         | 3       | 27     | 224    | 17      | 241    |
| 1875-76 | 18         | 4       | 22     | 156    | 21      | 177    | 1897-98   | 24         | 3       | 27     | 226    | 20      | 246    |
| 1876-77 | 18         | 4       | 22     | 166    | 22      | 190    | 1898-99   | 24         | 3       | 27     | 226    | 20      | 246    |
| 1877-78 | 21         | 3       | 24     | 186    | 21      | 207    | 1899-1900 | 24         | 3       | 27     | 226    | 20      | 246    |

Buildings owned by first six divisions given up at end of the school year.

Room in one two-room building given up at the end of the school year.

Number of grammar and primary schools, 264.

The following table shows the absolute and relative growth of the high school during the last fifteen years, giving the number of teachers employed, the entire enrollment of pupils, the number of each sex in the enrollment, and the number of graduates:

| Year.   | Number of teachers. | Whole enrollment. |        |        | Number of graduates. |
|---------|---------------------|-------------------|--------|--------|----------------------|
|         |                     | Boys.             | Girls. | Total. |                      |
| 1878-79 | 6                   | 37                | 210    | 247    | 33                   |
| 1879-80 | 8                   | 51                | 225    | 276    | 39                   |
| 1880-81 | 9                   | 73                | 288    | 361    | 51                   |
| 1881-82 | 11                  | 81                | 335    | 416    | 67                   |
| 1882-83 | 12                  | 64                | 281    | 345    | 41                   |
| 1883-84 | 14                  | 82                | 291    | 376    | 86                   |
| 1884-85 | 17                  | 101               | 303    | 407    | 69                   |
| 1885-86 | 18                  | 117               | 327    | 444    | 90                   |
| 1886-87 | 19                  | 110               | 320    | 430    | 99                   |
| 1887-88 | 22                  | 197               | 421    | 618    | 131                  |
| 1888-89 | 24                  | 198               | 477    | 675    | 49                   |
| 1889-90 | 26                  | 215               | 521    | 736    | 79                   |
| 1890-91 | 27                  | 220               | 470    | 690    | 103                  |
| 1891-92 | 29                  | 199               | 479    | 678    | 92                   |
| 1892-93 | 31                  | 198               | 506    | 704    | 99                   |

TABLE VIII.—*Showing growth of the schools during the last thirty-three years.*

| Year.   | Number of schools. | Number of teachers. | Number of pupils. | Year.     | Number of schools. | Number of teachers. | Number of pupils. |
|---------|--------------------|---------------------|-------------------|-----------|--------------------|---------------------|-------------------|
| 1788    | 11                 | 11                  | 2,300             | 1881-85   | 119                | 162                 | 9,614             |
| 1789-90 | 52                 | 52                  | 3,000             | 1885-86   | 161                | 171                 | 10,158            |
| 1790-91 | 66                 | 63                  | 3,650             | 1886-87   | 168                | 182                 | 10,365            |
| 1791-92 | 68                 | 66                  | 4,986             | 1887-88   | 176                | 191                 | 11,010            |
| 1792-93 | 75                 | 78                  | 1,661             | 1888-89   | 186                | 202                 | 11,170            |
| 1793-94 | 76                 | 86                  | 5,188             | 1889-90   | 197                | 216                 | 11,138            |
| 1794-95 | 74                 | 87                  | 5,280             | 1890-91   | 211                | 230                 | 12,132            |
| 1795-96 | 75                 | 89                  | 5,489             | 1891-92   | 224                | 241                 | 12,280            |
| 1796-97 | 76                 | 90                  | 5,151             | 1892-93   | 229                | 258                 | 12,329            |
| 1797-98 | 79                 | 92                  | 5,931             | 1893-94   | 236                | 272                 | 12,233            |
| 1798-99 | 96                 | 109                 | 6,515             | 1894-95   | 246                | 286                 | 12,479            |
| 1799-80 | 108                | 119                 | 7,731             | 1895-96   | 253                | 297                 | 12,876            |
| 1800-81 | 117                | 130                 | 8,080             | 1896-97   | 255                | 308                 | 12,854            |
| 1801-82 | 121                | 134                 | 8,161             | 1897-98   | 270                | 318                 | 12,975            |
| 1802-83 | 130                | 143                 | 8,303             | 1898-99   | 271                | 334                 | 12,794            |
| 1803-84 | 135                | 147                 | 8,735             | 1899-1900 | 289                | 352                 | 12,748            |
| 1804-85 | 140                | 151                 | 9,181             |           |                    |                     |                   |

The following is a list of the owned and rented school buildings, giving the year of erection and names of those after whom named:

| Schools.              | Erected.          | For whom named.         |
|-----------------------|-------------------|-------------------------|
| OWNED.                |                   |                         |
| Ambush .....          | 1889              | Enoch Ambush.           |
| Anthony Bowen .....   | <sup>1</sup> 1867 | Anthony Bowen.          |
| Banneker .....        | 1882              | Benjamin Banneker.      |
| Bell .....            | 1889              | George Bell.            |
| Briggs .....          | 1889              | Martha B. Briggs.       |
| Cook .....            | <sup>2</sup> 1868 | John F. Cook, sr.       |
| Douglass .....        | 1896              | Frederick Douglass.     |
| Garnet .....          | 1880              | Henry Highland Garnet.  |
| Garrison .....        | 1889              | William Lloyd Garrison. |
| Giddings .....        | 1887              | Joshua K. Giddings.     |
| High School .....     | 1890              |                         |
| Jones .....           | 1889              | Alfred Jones.           |
| Lincoln .....         | 1871              | Abraham Lincoln.        |
| Logan .....           | 1891              | John A. Logan.          |
| Lovejoy .....         | 1872              | Elijah P. Lovejoy.      |
| Magruder .....        | 1887              | Wm. B. Magruder.        |
| Patterson .....       | 1893              | James W. Patterson.     |
| Payne .....           | 1896              | Daniel A. Payne.        |
| Phillips .....        | 1890              | Wendell Phillips.       |
| Randall .....         | 1876              | Eliza G. Randall.       |
| Slater .....          | 1890              | John F. Slater.         |
| Stevens .....         | 1868              | Thaddeus Stevens.       |
| Sumner .....          | 1871              | Charles Sumner.         |
| Wormley .....         | 1881              | James Wormley.          |
| RENTED.               |                   |                         |
| Miller .....          | 1896              |                         |
| Miner .....           | 1877              | Myrtilla Miner          |
| 917 P street NW ..... | 1876              | Location.               |

<sup>1</sup> Reerected in 1897.<sup>2</sup> Reerected in 1877.<sup>3</sup> Reerected in 1896.

## SUPERVISORS' REPORTS.

TABULAR STATEMENTS CONCERNING THE GRADED SCHOOLS, BY DIVISIONS.

### NINTH DIVISION.

TABLE I.—Showing buildings and distribution of schools by buildings.

| Building.                | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. | Schoolrooms. | Number of teachers. |
|--------------------------|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|--------------|---------------------|
| Sumner .....             | 1             | 2              | 2            | 2            | 2             |              |               |              | 9             | 110    | 9            |                     |
| Magruder .....           |               |                | 1            | 1            | 2             | 1            | 2             | 2            | 1             | 10     | 8            | 11                  |
| Stevens .....            | 1             | 1              | 2            | 1            | 3             | 3            | 1             | 5            |               | 23     | 20           | 23                  |
| Briggs .....             |               | 1              | 1            |              |               | 2            | 3             | 3            |               | 12     | 8            | 12                  |
| Wormley .....            |               |                | 1            | 1            | 1             | 1            | 1             | 2            |               | 9      | 8            | 9                   |
| Phillips .....           |               |                | 1            | 1            | 1             | 2            | 1             | 2            | 1             | 9      | 8            | 10                  |
| Garrison .....           | 1             | 1              | 1            | 1            | 1             | 2            | 1             | 3            |               | 11     | 8            | 11                  |
| Miner .....              |               |                |              |              |               | 2            | 3             | 3            |               | 38     | 40           | 38                  |
| Whole number of schools— |               |                |              |              |               |              |               |              |               |        |              |                     |
| 1900 .....               | 1             | 6              | 9            | 10           | 12            | 13           | 15            | 20           | 2             | 91     | 80           | 88                  |
| 1899 .....               | 1             | 7              | 9            | 9            | 11            | 14           | 16            | 20           | 2             | 92     | 76           | 84                  |

<sup>1</sup> One room used by supervising principal and one room used by superintendent.

<sup>2</sup> One room used for cooking and one for manual training.

<sup>3</sup> Practice schools under supervision of three normal teachers.

<sup>4</sup> Two rooms used by normal school.

<sup>5</sup> Including assistant kindergarten teacher.

TABLE II.—*Condition of buildings.*

| Building. | Heat.   | Light.     | Ventila-<br>tion. | Water<br>closets. | Play rooms. | Yards. | Owned or<br>rented. |
|-----------|---------|------------|-------------------|-------------------|-------------|--------|---------------------|
| Wheats    | Furnace | Excellent. | Excellent.        | Excellent.        | Excellent.  | Ample. | Owned.              |
| Watson    | do      | do         | do                | do                | do          | do     | Do.                 |
| Magnader  | do      | do         | do                | Good              | do          | do     | Do.                 |
| Mater     | do      | Good       | Good              | Fair              | None        | Small  | Rented.             |
| do        | do      | Excellent. | Excellent.        | Good              | Excellent.  | Ample. | Owned.              |
| Stevens   | Steam   | do         | do                | do                | do          | Small  | Do.                 |
| Weather   | do      | do         | do                | Excellent.        | Fair        | Ample. | Do.                 |
| Wernsey   | Furnace | do         | do                | Fair              | Excellent.  | do     | Do.                 |

TABLE III.—*Showing half-day schools.*

| Schools. | Half-day<br>schools. |       | Grade.  |       | Number above<br>second grade. |       |
|----------|----------------------|-------|---------|-------|-------------------------------|-------|
|          | 1900.                | 1899. | 1900.   | 1899. | 1900.                         | 1899. |
| Magnader | 1                    | 1     | 1, 2    |       |                               |       |
| Stevens  | 10                   | 10    | 1, 2, 3 |       | 1                             | 1     |
| Wheats   | 8                    | 8     | 1, 2, 3 |       | 2                             | 2     |
| Watson   | 2                    | 2     | 1, 2    |       |                               |       |
| Weather  | 2                    | 1     | 1, 2    |       |                               |       |
| Wernsey  | 6                    | 4     | 1, 2, 3 |       | 2                             |       |
| Total    | 32                   | 32    |         |       | 5                             | 4     |

TABLE IV.—*Showing distribution of pupils by grade, attendance, and average number per teacher.*

| Grade.       | Number of<br>schools. |       | Whole enroll-<br>ment. |       | Average en-<br>rollment. |       | Average daily<br>attendance. |       | Average number<br>of pupils per<br>teacher. |                                      |
|--------------|-----------------------|-------|------------------------|-------|--------------------------|-------|------------------------------|-------|---|--------------------------------------|
|              | 1900.                 | 1899. | 1900.                  | 1899. | 1900.                    | 1899. | 1900.                        | 1899. | Based on<br>whole en-<br>rollment.          | Based on<br>average en-<br>rollment. |
| Kindergarten | 4                     | 4     | 179                    | 181   | 138                      | 163   | 152                          | 156   | 44.7  | 39.5                                 |
| First        | 6                     | 7     | 243                    | 270   | 212                      | 231   | 204                          | 221   | 40.5  | 35.3                                 |
| Second       | 9                     | 9     | 351                    | 37    | 314                      | 315   | 298                          | 300   | 40.4  | 34.6                                 |
| Third        | 10                    | 9     | 460                    | 445   | 390                      | 373   | 371                          | 352   | 40.0  | 34.0                                 |
| Fourth       | 12                    | 11    | 515                    | 501   | 450                      | 464   | 426                          | 438   | 42.7  | 37.5                                 |
| Fifth        | 15                    | 14    | 575                    | 582   | 469                      | 476   | 441                          | 440   | 44.2  | 36.0                                 |
| Sixth        | 15                    | 16    | 642                    | 677   | 509                      | 546   | 479                          | 512   | 40.8  | 33.9                                 |
| Seventh      | 20                    | 20    | 915                    | 905   | 664                      | 715   | 616                          | 659   | 45.8  | 33.2                                 |
| Total        | 89                    | 90    | 3,860                  | 4,043 | 3,165                    | 3,280 | 2,987                        | 3,078 | 43.3  | 35.5                                 |
| Not started  | 2                     | 2     | 87                     | 68    | 66                       | 45    | 58                           | 39    | 43.5  | 33.0                                 |
| Grand total  | 91                    | 92    | 3,947                  | 4,111 | 3,232                    | 3,325 | 3,045                        | 3,117 | 43.3  | 35.5                                 |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and absence and tardiness of teachers.*

| Month.    | Percent-<br>age of at-<br>tendance. | Tardiness<br>of teach-<br>ers. | Cases of tardiness. |       | Substitute service. |       |
|-----------|-------------------------------------|--------------------------------|---------------------|-------|---------------------|-------|
|           |                                     |                                | 1900.               | 1899. | 1900.               | 1899. |
| September | 97.3                                | 1                              | 42                  | 68    | 25.0                | 8.0   |
| October   | 94.6                                | 7                              | 336                 | 232   | 47.0                | 11.5  |
| November  | 91.9                                | 11                             | 293                 | 267   | 24.5                | 24.0  |
| December  | 94.5                                | 12                             | 297                 | 221   | 25.0                | 42.0  |
| January   | 93.4                                | 13                             | 283                 | 341   | 52.5                | 121.5 |
| February  | 92.9                                | 18                             | 263                 | 120   | 48.5                | 47.0  |
| March     | 93.1                                | 21                             | 222                 | 205   | 38.5                | 30.5  |
| April     | 93.6                                | 10                             | 206                 | 148   | 21.0                | 18.5  |
| May       | 94.3                                | 3                              | 255                 | 256   | 33.0                | 24.0  |
| June      | 96.4                                | 2                              | 95                  | 94    | 3.0                 | 23.0  |
| Total     | 94.4                                | 101                            | 2,292               | 1,952 | 318.0               | 350.0 |



TABLE VI.—*Showing the number of graduates of the Washington Normal School, other normal schools, colleges, kindergartens, and nongraduates.*

|                                |    |
|--------------------------------|----|
| Washington Normal School ..... | 66 |
| Other normal schools .....     | 1  |
| Colleges .....                 | 1  |
| Kindergartens .....            | 64 |
| Nongraduates .....             | 16 |
| Total .....                    | 88 |

## TENTH DIVISION

TABLE I.—*Showing buildings and distribution of schools by buildings.*

| Building.               | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. | Kindergarten. | Total. | Schoolrooms. | Number of teachers. |
|-------------------------|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------|--------------|---------------------|
| Cook .....              | 1             | 1              | 1            | 1            | 1             | 2            | 2             | 3            | 13            | 110    | 1            | 1                   |
| Garnet .....            | 1             | 1              | 2            | 2            | 3             | 1            | 1             | 1            | 13            | 712    | 1            | 1                   |
| Patterson .....         | 1             | 1              | 1            | 1            | 1             | 1            | 2             | 1            | 12            | 8      | 113          | 1                   |
| Slater .....            | 1             | 1              | 1            | 1            | 2             | 2            | 3             | 3            | 13            | 8      | 1            | 1                   |
| Banneker .....          | 1             | 1              | 1            | 1            | 2             | 2            | 2             | 2            | 12            | 8      | 1            | 1                   |
| Jones .....             | 1             | 1              | 1            | 1            | 2             | 2            | 2             | 1            | 13            | 8      | 1            | 1                   |
| Doughlass .....         | 1             | 1              | 1            | 1            | 1             | 1            | 1             | 1            | 6             | 8      | 9            | 1                   |
| Logan .....             | 1             | 1              | 1            | 1            | 1             | 2            | 3             | 3            | 12            | 8      | 1            | 1                   |
| Whole number of schools |               |                |              |              |               |              |               |              |               |        |              |                     |
| 1900 .....              | 6             | 7              | 9            | 11           | 14            | 14           | 25            | 2            | 94            | 70     | 96           | 1                   |
| 1899 .....              | 6             | 7              | 9            | 10           | 13            | 14           | 25            | 2            | 90            | 61     | 96           | 1                   |

<sup>1</sup>One room occupied by the supervising principal and one room by cutting school.

<sup>2</sup>One room used for cutting school.

<sup>3</sup>Four rooms used by Business High School.

<sup>4</sup>Includes assistant kindergarten teacher.

TABLE II.—*Showing condition of buildings.*

| Building.       | How heated.         | Light     | Ventilation | Water-closets | Play rooms | Yards | Owned or rented |
|-----------------|---------------------|-----------|-------------|---------------|------------|-------|-----------------|
| Cook .....      | Stoves and furnace. | Excellent | Good        | Excellent     | None       | None  | Owned.          |
| Garnet .....    | Steam               | do        | do          | do            | Excellent  | Poor  | do              |
| Patterson ..... | Furnace             | do        | Excellent   | Fair          | do         | do    | do              |
| Slater .....    | do                  | do        | do          | do            | do         | do    | do              |
| Banneker .....  | do                  | do        | do          | do            | do         | do    | do              |
| Jones .....     | do                  | do        | do          | Excellent     | Damp       | do    | do              |
| Doughlass ..... | do                  | do        | do          | Fair          | Excellent  | do    | do              |
| Logan .....     | Stoves and furnace. | do        | do          | do            | do         | do    | do              |

TABLE III.—*Showing half-day schools.*

| Building.       | Half-day schools. |       | Grade of half-day school. | Number above second grade. |       |
|-----------------|-------------------|-------|---------------------------|----------------------------|-------|
|                 | 1900.             | 1899. |                           | 1900.                      | 1899. |
| Cook .....      | 10                | 10    | 1, 2, 3                   | 2                          | 2     |
| Garnet .....    | 4                 | 2     | 1, 2, 3                   | 2                          | 2     |
| Patterson ..... | 8                 | 6     | 1, 2, 3, 4                | 2                          | 2     |
| Slater .....    | 10                | 8     | 1, 2, 3, 4                | 1                          | 1     |
| Banneker .....  | 8                 | 6     | 1, 2, 3, 4                | 1                          | 1     |
| Jones .....     | 10                | 8     | 1, 2, 3, 4                | 1                          | 1     |
| Doughlass ..... | 4                 | 4     | 1, 2                      | 3                          | 1     |
| Logan .....     | 8                 | 6     | 1, 2, 3, 4                | 3                          | 3     |
| Total .....     | 62                | 50    |                           | 21                         | 13    |

<sup>a</sup>Includes two assistant kindergarten teachers.

TABLE IV.—*Showing distribution of pupils by grade, attendance, and average number per teacher.*

| Grade.       | Number of schools. |       | Whole enrollment. |       | Average enrollment. |       | Average daily attendance. |       | Average number of pupils per teacher, 1900. |                              |
|--------------|--------------------|-------|-------------------|-------|---------------------|-------|---------------------------|-------|---|------------------------------|
|              | 1900.              | 1899. | 1900.             | 1899. | 1900.               | 1899. | 1900.                     | 1899. | Based on whole enrollment.                  | Based on average enrollment. |
| Eighteenth   | 5                  | 5     | 200               | 209   | 175                 | 182   | 169                       | 172   | 40.0  | 35.0                         |
| Seventeenth  | 6                  | 6     | 268               | 242   | 223                 | 210   | 215                       | 198   | 44.6  | 37.1                         |
| Sixth        | 7                  | 7     | 258               | 291   | 226                 | 245   | 215                       | 233   | 36.8  | 32.2                         |
| Fifth        | 9                  | 9     | 376               | 395   | 321                 | 334   | 310                       | 316   | 41.7  | 35.6                         |
| Fourth       | 11                 | 10    | 474               | 452   | 403                 | 386   | 389                       | 365   | 43.0  | 36.6                         |
| Third        | 14                 | 13    | 613               | 605   | 537                 | 496   | 506                       | 469   | 43.7  | 38.3                         |
| Second       | 15                 | 15    | 646               | 690   | 553                 | 613   | 519                       | 570   | 43.0  | 36.8                         |
| First        | 25                 | 23    | 1,203             | 1,086 | 884                 | 725   | 824                       | 677   | 48.0  | 35.3                         |
| Total        | 92                 | 88    | 4,038             | 3,970 | 3,322               | 3,191 | 3,148                     | 3,000 | 43.8  | 36.1                         |
| Kindergarten | 2                  | 2     | 139               | 81    | 74                  | 41    | 63                        | 34    | 69.5  | 37.0                         |
| Grand total  | 94                 | 90    | 4,177             | 4,051 | 3,396               | 3,232 | 3,211                     | 3,034 | 44.4  | 36.1                         |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and absence and tardiness of teachers.*

| Month.    | Percent-<br>age of<br>attend-<br>ance. | Tardi-<br>ness of<br>teachers. | Cases of tardiness. |       | Substitute service. |       |
|-----------|--|--------------------------------|---------------------|-------|---------------------|-------|
|           |  |                                | 1900.               | 1899. | 1900.               | 1899. |
| September | 97.6                                   | 0                              | 37                  | 26    | 21.5                | 13.5  |
| October   | 95.1                                   | 2                              | 177                 | 160   | 12.0                | 43.0  |
| November  | 95.0                                   | 3                              | 180                 | 132   | 31.0                | 39.0  |
| December  | 94.8                                   | 4                              | 140                 | 161   | 10.0                | 15.5  |
| January   | 93.9                                   | 5                              | 166                 | 175   | 48.5                | 52.5  |
| February  | 93.0                                   | 10                             | 172                 | 100   | 69.5                | 28.5  |
| March     | 93.6                                   | 9                              | 146                 | 116   | 78.0                | 43.0  |
| April     | 93.7                                   | 3                              | 73                  | 97    | 53.0                | 34.0  |
| May       | 94.9                                   | 1                              | 123                 | 101   | 112.0               | 65.0  |
| June      | 96.6                                   | 2                              | 51                  | 48    | 18.5                | 18.5  |
| Total     | 94.6                                   | 39                             | 1,265               | 1,116 | 457.0               | 352.5 |

TABLE VI.—*Showing the number of graduates from the Washington Normal School, other normal schools, colleges, kindergartens, and nongraduates.*

|                          |    |
|--------------------------|----|
| Washington Normal School | 73 |
| Other normal schools     | 8  |
| Colleges                 | 3  |
| Kindergartens            | 14 |
| Nongraduates             | 8  |
| Total                    | 96 |

## ELEVENTH DIVISION.

TABLE I.—*Showing location of buildings and distribution of schools by buildings.*

| Building.                | Grade.        |                |              |              |               |              |               |              | Total. | Schoolrooms.    | Number of teachers. |
|--------------------------|---------------|----------------|--------------|--------------|---------------|--------------|---------------|--------------|--------|-----------------|---------------------|
|                          | Eighth grade. | Seventh grade. | Sixth grade. | Fifth grade. | Fourth grade. | Third grade. | Second grade. | First grade. |        |                 |                     |
| Lincoln                  | 1             | 1              | 1            | 1            | 2             | 1            | 1             | 2            | 10     | <sup>2</sup> 10 | 10                  |
| Handall                  | 1             | 1              | 1            | 1            | 1             | 2            | 4             | 6            | 16     | <sup>3</sup> 10 | 16                  |
| Bel                      | 1             | 1              | 1            | 1            | 1             | 2            | 2             | 3            | 11     | 8               | 11                  |
| Giddings                 | 1             | 1              | 1            | 1            | 1             | 1            | 2             | 3            | 11     | 8               | <sup>4</sup> 12     |
| Bowen                    | 1             | 2              | 2            | 1            | 1             | 3            | 1             | 1            | 11     | 8               | <sup>4</sup> 12     |
| Amush                    | 1             | 1              | 3            | 2            | 1             | 3            | 1             | 1            | 11     | 8               | 11                  |
| Lovejoy                  | 1             | 1              | 1            | 1            | 1             | 1            | 2             | 2            | 7      | 6               | 7                   |
| Bayne                    | 1             | 1              | 1            | 1            | 2             | 2            | 2             | 1            | 9      | 8               | <sup>4</sup> 10     |
| Whole number of schools— |               |                |              |              |               |              |               |              |        |                 |                     |
| 1900                     | 3             | 4              | 6            | 9            | 11            | 12           | 11            | 24           | 86     | 68              | 89                  |
| 1899                     | 3             | 4              | 6            | 9            | 11            | 12           | 15            | 23           | 85     | 68              | 85                  |

<sup>1</sup> Includes two assistant kindergarten teachers.<sup>2</sup> One room used for cooking, one room for cutting, and one room for manual training.<sup>3</sup> One room used for cooking and one room for manual training school.<sup>4</sup> Including assistant kindergarten teacher.

TABLE II.—*Showing condition of buildings.*

| Buildings.         | How heated. | Light.     | Ventilation. | Water-closets. | Play rooms. | Yards.     | Owned or rented. |
|--------------------|-------------|------------|--------------|----------------|-------------|------------|------------------|
| Ambush.....        | Furnace..   | Excellent. | Excellent.   | Excellent.     | Excellent.  | Fair.....  | Owned.           |
| Anthony Bowen..... | do.....     | do.....    | Good.....    | do.....        | do.....     | Excellent. | do.....          |
| Bell.....          | do.....     | do.....    | Excellent.   | Good.....      | Poor.....   | Poor.....  | do.....          |
| Giddings.....      | do.....     | do.....    | do.....      | Excellent.     | Excellent.  | Excellent. | do.....          |
| Lincoln.....       | Steam.....  | Good.....  | do.....      | do.....        | do.....     | do.....    | do.....          |
| Lovejoy.....       | Stoves..... | do.....    | Poor.....    | Poor.....      | None.....   | do.....    | do.....          |
| Payne.....         | Furnace..   | Excellent. | Excellent.   | Excellent.     | Excellent.  | Good.....  | do.....          |
| Randall.....       | do.....     | Good.....  | Poor.....    | Poor.....      | None.....   | None.....  | do.....          |

TABLE III.—*Showing half-day schools.*

| Schools.      | Half-day schools. |       | Grade of half-day school. | Number above second grade. |       |
|---------------|-------------------|-------|---------------------------|----------------------------|-------|
|               | 1900.             | 1899. |                           | 1900.                      | 1899. |
| Lincoln.....  |                   |       |                           |                            |       |
| Randall.....  | 12                | 12    | 1, 2, 3                   | 2                          | 2     |
| Bell.....     | 6                 | 6     | 1, 2, 3                   | 1                          | 1     |
| Giddings..... | 6                 | 4     | 1, 2, 3                   | 1                          | 1     |
| Bowen.....    | 6                 | 4     | 1, 2, 3, 4                | 2                          | 2     |
| Ambush.....   | 6                 | 6     | 1, 2, 3                   | 2                          | 2     |
| Lovejoy.....  | 2                 | 2     | 1, 2                      |                            |       |
| Payne.....    | 2                 | 2     | 1, 2                      |                            |       |
| Total.....    | 40                | 36    |                           | 8                          |       |

TABLE IV.—*Showing distribution of pupils by grade, attendance, and average number per teacher.*

| Grade.            | Number of schools. |       | Whole enrollment. |       | Average enrollment. |       | Average daily attendance. |       | Average number of pupils per teacher, 1900. |                              |
|-------------------|--------------------|-------|-------------------|-------|---------------------|-------|---------------------------|-------|---|------------------------------|
|                   | 1900.              | 1899. | 1900.             | 1899. | 1900.               | 1899. | 1900.                     | 1899. | Based on whole enrollment.                  | Based on average enrollment. |
| Eighth.....       | 3                  | 3     | 129               | 110   | 113                 | 93    | 107                       | 88    | 43.0  | 47.0                         |
| Seventh.....      | 4                  | 4     | 168               | 165   | 146                 | 144   | 139                       | 136   | 42.0  | 36.0                         |
| Sixth.....        | 6                  | 6     | 264               | 263   | 228                 | 219   | 219                       | 209   | 44.0  | 38.0                         |
| Fifth.....        | 9                  | 9     | 401               | 414   | 239                 | 372   | 324                       | 349   | 41.5  | 36.0                         |
| Fourth.....       | 11                 | 11    | 484               | 513   | 412                 | 379   | 386                       | 333   | 44.0  | 36.0                         |
| Third.....        | 12                 | 12    | 498               | 500   | 431                 | 445   | 403                       | 413   | 41.5  | 38.0                         |
| Second.....       | 14                 | 15    | 644               | 683   | 545                 | 542   | 505                       | 502   | 46.0  | 38.0                         |
| First.....        | 24                 | 23    | 1,064             | 1,082 | 798                 | 734   | 741                       | 685   | 43.9  | 37.0                         |
| Total.....        | 83                 | 83    | 3,642             | 3,820 | 3,012               | 2,929 | 2,824                     | 2,735 | 43.8  | 37.0                         |
| Kindergarten..... | 3                  | 2     | 166               | 64    | 94                  | 50    | 82                        | 26    | 55.3  | 41.0                         |
| Grand total.....  | 86                 | 85    | 3,808             | 3,884 | 3,106               | 2,979 | 2,906                     | 2,761 | 44.2  | 37.1                         |

TABLE V.—*Showing percentage of attendance, cases of tardiness of pupils, and absence and tardiness of teachers.*

| Month.         | Percentage of attendance. | Tardiness of teachers. | Cases of tardiness. |       | Substitute service. |       |
|----------------|---------------------------|------------------------|---------------------|-------|---------------------|-------|
|                |                           |                        | 1900.               | 1899. | 1900.               | 1899. |
| September..... | 97.5                      | 2                      | 41                  | 41    | 46.5                | 16.0  |
| October.....   | 94.1                      | 6                      | 253                 | 194   | 69.5                | 10.5  |
| November.....  | 94.9                      | 9                      | 237                 | 223   | 44.5                | 4.0   |
| December.....  | 94.2                      | 17                     | 297                 | 224   | 18.5                | 9.0   |
| January.....   | 93.7                      | 15                     | 333                 | 286   | 28.0                | 23.5  |
| February.....  | 92.7                      | 8                      | 262                 | 172   | 27.0                | 22.5  |
| March.....     | 92.9                      | 16                     | 292                 | 183   | 46.5                | 59.0  |
| April.....     | 92.8                      | 4                      | 142                 | 104   | 34.5                | 24.5  |
| May.....       | 94.5                      | 6                      | 211                 | 123   | 35.0                | 28.0  |
| June.....      | 96.1                      | 1                      | 114                 | 49    | 17.5                | 31.0  |
| Total.....     | 94.2                      | 84                     | 2,090               | 1,599 | 307.5               | 245.0 |

TABLE VI.—*Showing the number of graduates from the Washington Normal School, other normal schools, colleges, kindergartens, and nongraduates.*

|                                |                |
|--------------------------------|----------------|
| Washington Normal School ..... | 63             |
| Other normal schools .....     | 5              |
| Colleges .....                 | 2              |
| Kindergartens .....            | <sup>1</sup> 6 |
| Nongraduates .....             | 13             |
| Total .....                    | 89             |

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<sup>1</sup> Includes three assistant kindergarten teachers.

| Name.                   | Location.   | Style of building. | Size.     | Description.                |
|-------------------------|---|--------------------|-----------|-----------------------------|
| <i>Feet</i>             |   |                    |           |                             |
| <b>High schools:</b>    |   |                    |           |                             |
| Central.....            | O, between 6th and 7th streets NW.                        | Brick.....         | 197 by 50 | Three stories and basement. |
| Eastern.....            | 7th and C streets SE.                                     | do.....            | 86 by 164 | do.....                     |
| Western.....            | 35th and T streets NW.                                    | do.....            | 69 by 174 | do.....                     |
| <b>First division:</b>  |   |                    |           |                             |
| Adams.....              | R street between 17th street and New Hampshire avenue NW. | do.....            | 77 by 84  | Two stories and basement.   |
| Berret.....             | 14th and Q streets NW.                                    | do.....            | 40 by 100 | Three stories and basement. |
| Dennison.....           | R, between 13th and 14th streets NW.                      | do.....            | 92 by 89  | do.....                     |
| Force.....              | Massachusetts avenue between 17th and 18th streets NW.    | do.....            | 90 by 71  | do.....                     |
| Franklin.....           | 13th and K streets NW.                                    | do.....            | 148 by 79 | do.....                     |
| Harrison.....           | 13th, between V and W streets NW.                         | do.....            | 75 by 101 | Two stories and basement.   |
| Phelps.....             | Vermont avenue between T and U streets NW.                | do.....            | 70 by 84  | do.....                     |
| Thomson.....            | 12th, between K and L streets NW.                         | do.....            | 91 by 28  | Three stories and basement. |
| <b>Second division:</b> |   |                    |           |                             |
| Abbott.....             | New York avenue and L street NW.                          | do.....            | 102 by 42 | do.....                     |
| Eckington.....          | 1st and Quincy streets NE.                                | do.....            | 72 by 94  | Two stories and basement.   |
| Henry.....              | O, between 6th and 7th streets NW.                        | do.....            | 80 by 71  | Three stories and basement. |
| Morse.....              | R and 4th streets NW.                                     | do.....            | 81 by 69  | Two stories and basement.   |
| Polk.....               | 7th and P streets NW.                                     | do.....            | 70 by 84  | do.....                     |
| Scotton.....            | L, between 2d and 3d streets NW.                          | do.....            | 94 by 69  | Three stories and basement. |
| Twining.....            | 3d, between N and O streets NW.                           | do.....            | 81 by 69  | Two stories and basement.   |
| Webster.....            | 10th and H streets NW.                                    | do.....            | 107 by 84 | Three stories and basement. |
| <b>Third division:</b>  |   |                    |           |                             |
| Brent.....              | 3d and D streets SE.                                      | do.....            | 87 by 69  | Two stories and basement.   |
| Carbery.....            | 5th, between D and E streets NE.                          | do.....            | 70 by 84  | do.....                     |
| Hilton.....             | 6th, between B and C streets NE.                          | do.....            | 67 by 93  | do.....                     |
| Lenox.....              | 5th street and Virginia avenue SE.                        | do.....            | 70 by 89  | do.....                     |
| McCormick.....          | 3d, between M and N streets SE.                           | do.....            | 64 by 93  | do.....                     |
| Maury.....              | R, between 12th and 13th streets NE.                      | do.....            | 70 by 84  | do.....                     |
| Peabody.....            | C and 5th streets NE.                                     | do.....            | 90 by 90  | Three stories and basement. |
| 7th and G streets SE.   |   | do.....            | 40 by 22  | Two stories.                |
| Towers.....             | 8th and C streets SE.                                     | do.....            | 96 by 104 | Two stories and basement.   |
| Wallach.....            | D, between 7th and 8th streets SE.                        | do.....            | 99 by 76  | Three stories and basement. |
| <b>Fourth division:</b> |   |                    |           |                             |
| Amidon.....             | F and 6th streets SW.                                     | do.....            | 84 by 69  | Two stories and basement.   |
| Bradley.....            | 13, between C and D streets SW.                           | do.....            | 70 by 84  | do.....                     |
| Greenleaf.....          | 4, between M and N streets SW.                            | do.....            |           | do.....                     |
| Jefferson.....          | D and 6th streets SW.                                     | do.....            | 172 by 88 | Three stories and basement. |
| Potomac.....            | 12th street, between Maryland avenue and E streets SW.    | do.....            | 72 by 32  | Two stories.                |
| Smallwood.....          | I, between 3d and 4, streets SW.                          | do.....            | 70 by 84  | Two stories and basement.   |
| <b>Fifth division:</b>  |   |                    |           |                             |
| Addison.....            | P, between 32d and 33d streets NW.                        | do.....            | 54 by 98  | do.....                     |
| Corcoran.....           | 28th street, between M street and Olive avenue NW.        | do.....            | 68 by 82  | do.....                     |
| Curtis.....             | O, between 32d and 33d streets NW.                        | do.....            | 97 by 79  | Three stories and basement. |
| Fillmore.....           | 35th, between U and V streets NW.                         | do.....            | 70 by 84  | Two stories and basement.   |

<sup>1</sup> Part of Wallach site.

| How heated.         | When erected. | No. of rooms. | Size of site.    | Value of site. | Cost of building. | Total cost.  |
|---------------------|---------------|---------------|------------------|----------------|-------------------|--------------|
|                     |               |               | <i>Sq. feet.</i> |                |                   |              |
| Steam               | 1883          | 49            | 96,300           | \$137,625.00   | \$118,078.00      | \$255,703.00 |
| Hot water           | 1891          | 22            | 11               | 77,000.00      | 77,000.00         | 77,000.00    |
| Hot water and steam | 1898          | 29            | 116,598          | 30,000.00      | 101,084.36        | 131,084.36   |
| Hot water           | 1888          | 8             | 11,460           | 17,240.00      | 26,652.00         | 43,892.00    |
| Hot water           | 1889          | 9             | 5,000            | 15,000.00      | 25,048.50         | 40,048.50    |
| Steam               | 1884          | 12            | 24,648           | 23,200.00      | 45,181.00         | 68,381.00    |
| Hot water           | 1879          | 12            | 21,828           | 60,000.00      | 36,215.00         | 96,215.00    |
| Hot water           | 1869          | 16            | 14,946           | 41,100.00      | 188,000.00        | 229,100.00   |
| Hot water           | 1890          | 8             | 14,640           | 19,200.00      | 27,796.00         | 46,996.00    |
| Hot water           | 1887          | 8             | 11,468           | 19,466.00      | 21,521.00         | 41,987.00    |
| Hot water           | 1877          | 6             | 3,229            | 6,780.00       | 8,000.00          | 14,780.00    |
| Hot water           | 1876          | 9             | 6,448            | 16,120.00      | 20,000.00         | 36,120.00    |
| Hot water           | 1898          | 8             | 13,500           | 10,800.00      | 28,383.74         | 39,183.74    |
| Hot water           | 1880          | 12            | 2                | 45,000.00      | 15,000.00         | 60,000.00    |
| Hot water           | 1881          | 8             | 18,648           | 11,800.00      | 23,670.00         | 35,470.00    |
| Hot water           | 1891          | 8             | 14               | 27,000.00      | 27,000.00         | 54,000.00    |
| Hot water           | 1871          | 12            | 18,760           | 24,375.00      | 35,000.00         | 59,375.00    |
| Hot water           | 1883          | 8             | 18,717           | 11,259.00      | 24,670.00         | 35,929.00    |
| Hot water           | 1884          | 12            | 8,418            | 21,000.00      | 11,053.00         | 32,053.00    |
| Hot water           | 1883          | 8             | 8,500            | 8,000.00       | 22,065.00         | 30,065.00    |
| Hot water           | 1887          | 8             | 11,751           | 8,800.00       | 29,989.00         | 38,789.00    |
| Hot water           | 1898          | 8             | 7,500            | 11,000.00      | 28,368.25         | 39,368.25    |
| Hot water           | 1889          | 8             | 10,928           | 5,500.00       | 26,135.00         | 31,635.00    |
| Hot water           | 1870          | 1             | 13,575           | 1,355.00       | 7,000.00          | 8,355.00     |
| Hot water           | 1886          | 8             | 18,792           | 6,000.00       | 25,798.00         | 31,798.00    |
| Hot water           | 1879          | 12            | 14,629           | 21,900.00      | 38,150.00         | 60,050.00    |
| Hot water           | 1840          | 2             | 3,163            | 2,370.00       | 1,200.00          | 3,570.00     |
| Hot water           | 1887          | 8             | 71               | 21,999.00      | 21,999.00         | 43,998.00    |
| Hot water           | 1864          | 11            | 96,760           | 106,436.00     | 40,000.00         | 146,436.00   |
| Hot water           | 1882          | 8             | 8,963            | 7,855.00       | 18,232.00         | 26,087.00    |
| Hot water           | 1887          | 8             | 13,189           | 6,594.00       | 24,992.00         | 31,586.00    |
| Hot water           | 1896          | 8             | 15,000           | 10,500.00      | 24,527.00         | 35,027.00    |
| Hot water           | 1872          | 20            | 69,788           | 38,400.00      | 72,000.00         | 110,400.00   |
| Steam               | 1870          | 4             | 5,867            | 2,918.00       | 1,500.00          | 4,418.00     |
| Furnace             | 1888          | 8             | 14,190           | 8,519.00       | 26,652.00         | 35,171.00    |
| do                  | 1885          | 8             | 12,450           | 7,470.00       | 29,313.00         | 36,783.00    |
| do                  | 1889          | 8             | 14,400           | 7,700.00       | 25,952.00         | 33,652.00    |
| Steam               | 1875          | 10            | 24,396           | 18,500.00      | 60,000.00         | 78,500.00    |
| Furnace             | 1892          | 8             | 18,204           | 9,925.00       | 27,046.46         | 36,971.46    |

\* Part of Central High School site.

| Name.                      | Location.   | Style of building. | Size.    | Description.                |
|----------------------------|---|--------------------|----------|-----------------------------|
| Fifth division—Continued.  |   |                    |          |                             |
| Grant.....                 | G, between 21st and 23d streets NW.                         | Brick.....         | 32 by 88 | Three stories and basement. |
| High Street.....           | 35th and 8 streets NW.                                      | Frame.....         | 38 by 30 | Two stories.                |
| Jackson.....               | U, between 30th and 31st streets NW.                        | Brick.....         | 70 by 81 | Two stories and basement.   |
| Threlkeld.....             | 36th street and Prospect avenue NW.                         | do.....            | 73 by 29 | Two stories.                |
| Toner.....                 | 24th and F streets NW.                                      | do.....            | 67 by 86 | Two stories and basement.   |
| Weightman.....             | M and 23d streets NW.                                       | do.....            | 70 by 87 | do.....                     |
| Sixth division:            |   |                    |          |                             |
| Arthur.....                | Arthur place, between B and C streets NW.                   | do.....            | 67 by 83 | do.....                     |
| Blair.....                 | I, between 6th and 7th streets NE.                          | do.....            | 70 by 84 | do.....                     |
| Blake.....                 | North Capitol, between K and L streets NW.                  | do.....            | 70 by 81 | do.....                     |
| Gales.....                 | 1st and G streets NW.                                       | do.....            | 80 by 66 | do.....                     |
| Hamilton (county).....     | Bladen-lane road.   | do.....            | 70 by 80 | Two stories.                |
| Hayes.....                 | 5th and K streets NE.                                       | do.....            | 70 by 80 | Two stories and basement.   |
| Langdon (county).....      | Langdon, D. C., Queens-Chapel road.                         | Frame.....         |          | Two stories.                |
| Madison.....               | G and 10th streets NE.                                      | Brick.....         | 70 by 84 | Two stories and basement.   |
| Pierce.....                | G and 14th streets NE.                                      | do.....            | 70 by 84 | do.....                     |
| Taylor.....                | 7th, between F and G streets NE.                            | do.....            | 70 by 84 | do.....                     |
| Seventh division (county): |   |                    |          |                             |
| White—                     |   |                    |          |                             |
| Brightwood.....            | Brightwood, D. C.   | do.....            |          | do.....                     |
| Bunker Hill Road.....      | Bunker Hill road.   | do.....            |          | One story.                  |
| Brookland.....             | Brookland, D. C.—Lansing and Wallace streets.               | do.....            |          | Two stories and basement.   |
| Chevy Chase.....           | Connecticut avenue extended.                                | Frame.....         |          | Two stories.                |
| Conduit Road.....          | Conduit road.   | do.....            |          | One story.                  |
| Johnson.....               | School and Grant streets, Mount Pleasant.                   | Brick.....         |          | Two stories and basement.   |
| Monroe.....                | Steuben street, between Brightwood and Sherman avenues NW.  | do.....            | 70 by 84 | do.....                     |
| Mount Pleasant.....        | School street, Mount Pleasant.                              | Frame.....         |          | Two stories.                |
| Reservoir.....             | Conduit road.   | do.....            |          | do.....                     |
| Tenley.....                | Tenley, D. C.   | Brick.....         |          | Two stories and basement.   |
| Woodburn.....              | Riggs road, near Blair road.                                | do.....            |          | do.....                     |
| Colored—                   |   |                    |          |                             |
| Brightwood.....            | Military road, near Brightwood.                             | Frame.....         |          | One story.                  |
| Bruce.....                 | Marshall street between Brightwood and Sherman avenues NW.  | Brick.....         | 74 by 86 | Two stories and basement.   |
| Fort Slocom.....           | Blair road.   | Frame.....         |          | One story.                  |
| Grant Road.....            | Grant road, between Tenley and Connecticut avenue extended. | do.....            |          | do.....                     |
| Ivy City.....              | Ivy City, D. C.   | do.....            |          | do.....                     |
| Chain Bridge Road.....     | Chain Bridge road, near Conduit road.                       | do.....            |          | do.....                     |
| Mott.....                  | Turnbull and 6th streets NW.                                | Frame and brick.   |          | Two stories.                |
| Wilson.....                | Central avenue between Erie and Superior streets NW.        | Brick.....         | 70 by 84 | Two stories and basement.   |
| Eighth division:           |   |                    |          |                             |
| White (city)—              |   |                    |          |                             |
| Buchanan.....              | E, between 13th and 14th streets SE.                        | do.....            |          | do.....                     |
| Crunch.....                | 12th and G streets SE.                                      | do.....            | 79 by 36 | Three stories and basement. |
| Tyler.....                 | 11th, between G and I streets SE.                           | do.....            | 70 by 84 | Two stories and basement.   |
| White (county)—            |   |                    |          |                             |
| Benning.....               | Benning, D. C.  | do.....            |          | Two stories.                |
| Anacostia Road.....        | Anacostia road.   | Frame.....         |          | One story.                  |
| Congress Heights.....      | Congress Heights, D. C.                                     | Brick.....         |          | Two stories and basement.   |

| How heated. | When erected. | No. of rooms. | Size of site.<br><i>Sq. feet.</i> | Value of site. | Cost of building. | Total cost. |
|-------------|---------------|---------------|-----------------------------------|----------------|-------------------|-------------|
| Stanton     | 1882          | 12            | 21,033                            | \$16,826.00    | \$40,428.00       | \$57,254.00 |
| Stanton     | 1883          | 2             | 7,296                             | 4,330.00       | 3,000.00          | 7,330.00    |
| Stanton     | 1889          | 8             | 17,825                            | 10,700.00      | 28,731.00         | 39,431.00   |
| Stanton     | 1898          | 4             | 5,068                             | 3,500.00       | 5,000.00          | 8,500.00    |
| Stanton     | 1898          | 8             | 19,710                            | 8,765.50       | 29,055.29         | 37,818.79   |
| Stanton     | 1889          | 8             | 15,712                            | 15,712.00      | 23,324.00         | 43,036.00   |
| Stanton     | 1889          | 8             | 19,590                            | 15,672.00      | 27,652.00         | 43,324.00   |
| Stanton     | 1884          | 8             | 22,013                            | 6,600.00       | 22,071.00         | 28,671.00   |
| Stanton     | 1887          | 8             | 10,365                            | 9,983.00       | 24,973.00         | 34,956.00   |
| Stanton     | 1887          | 12            | 12,761                            | 22,390.00      | 40,116.00         | 62,416.00   |
| Stanton     | 1884          | 4             | 32,670                            | 800.00         | 4,800.00          | 4,800.00    |
| Stanton     | 1897          | 8             | 13,671                            | 9,979.45       | 28,979.61         | 38,979.06   |
| Stanton     | 1897          | 4             | 43,560                            | 800.00         | 7,964.11          | 8,764.11    |
| Stanton     | 1889          | 8             | 9,980                             | 6,468.00       | 25,644.00         | 32,112.00   |
| Stanton     | 1894          | 8             | 10,000                            | 10,000.00      | 26,152.00         | 36,152.00   |
| Stanton     | 1894          | 8             | 12,650                            | 8,475.50       | 26,524.50         | 35,000.00   |
| Stanton     | 1888          | 8             | 18,234                            | 5,470.00       | 20,885.00         | 26,355.00   |
| Stanton     | 1889          | 1             | 43,560                            | 900.00         | 2,700.00          | 3,600.00    |
| Stanton     | 1894          | 8             | 15,000                            | 2,475.00       | 21,552.00         | 24,027.00   |
| Stanton     | 1898          | 4             | 10,000                            | 6,000.00       | 9,857.48          | 15,857.48   |
| Stanton     | 1874          | 1             | 10,890                            | 1,089.00       | 1,200.00          | 2,289.00    |
| Stanton     | 1895          | 8             | 15,000                            | 1,000.00       | 28,846.47         | 28,846.47   |
| Stanton     | 1889          | 8             | 15,000                            | 4,500.00       | 23,988.00         | 28,488.00   |
| Stanton     | 1874          | 4             | 25,530                            | 12,265.00      | 9,300.00          | 21,565.00   |
| Stanton     | 1897          | 4             | 89,760                            | 2,000.00       | 5,992.18          | 7,992.18    |
| Stanton     | 1882          | 8             | 43,560                            | 10,890.00      | 27,920.00         | 38,810.00   |
| Stanton     | 1896          | 4             | 22,174                            | 2,696.50       | 10,210.00         | 12,906.50   |
| Stanton     | 1895          | 2             | 43,560                            | 3,500.00       | 1,200.00          | 4,700.00    |
| Stanton     | 1898          | 8             | 30,000                            | 7,650.00       | 29,083.13         | 36,733.13   |
| Stanton     | 1897          | 1             | 21,780                            | 1,089.00       | 500.00            | 1,589.00    |
| Stanton     | 1864          | 2             | 43,560                            | 4,356.00       | 1,200.00          | 5,556.00    |
| Stanton     | 1896          | 2             | 7,200                             | 3,600.00       | 2,604.38          | 6,204.38    |
| Stanton     | 1871          | 1             | 21,780                            | 1,100.00       | 500.00            | 1,600.00    |
| Stanton     | 1871          | 10            | 18,150                            | 9,075.00       | 17,428.00         | 26,503.00   |
| Stanton     | 1882          | 8             | 15,000                            | 9,000.00       | 26,000.00         | 35,000.00   |
| Stanton     | 1895          | 8             | 26,584                            | 10,000.00      | 27,562.43         | 37,562.43   |
| Stanton     | 1872          | 6             | 7,776                             | 5,100.00       | 16,000.00         | 21,100.00   |
| Stanton     | 1890          | 8             | 11,588                            | 8,691.00       | 25,972.00         | 34,663.00   |
| Stanton     | 1883          | 4             | 43,560                            | 2,178.00       | 8,935.00          | 11,113.00   |
| Stanton     | 1864          | 1             | 43,560                            | 1,310.00       | 600.00            | 1,910.00    |
| Stanton     | 1898          | 10            | 10,760                            | 3,320.00       | 23,000.00         | 26,320.00   |

1 Part of Mount Pleasant school site.

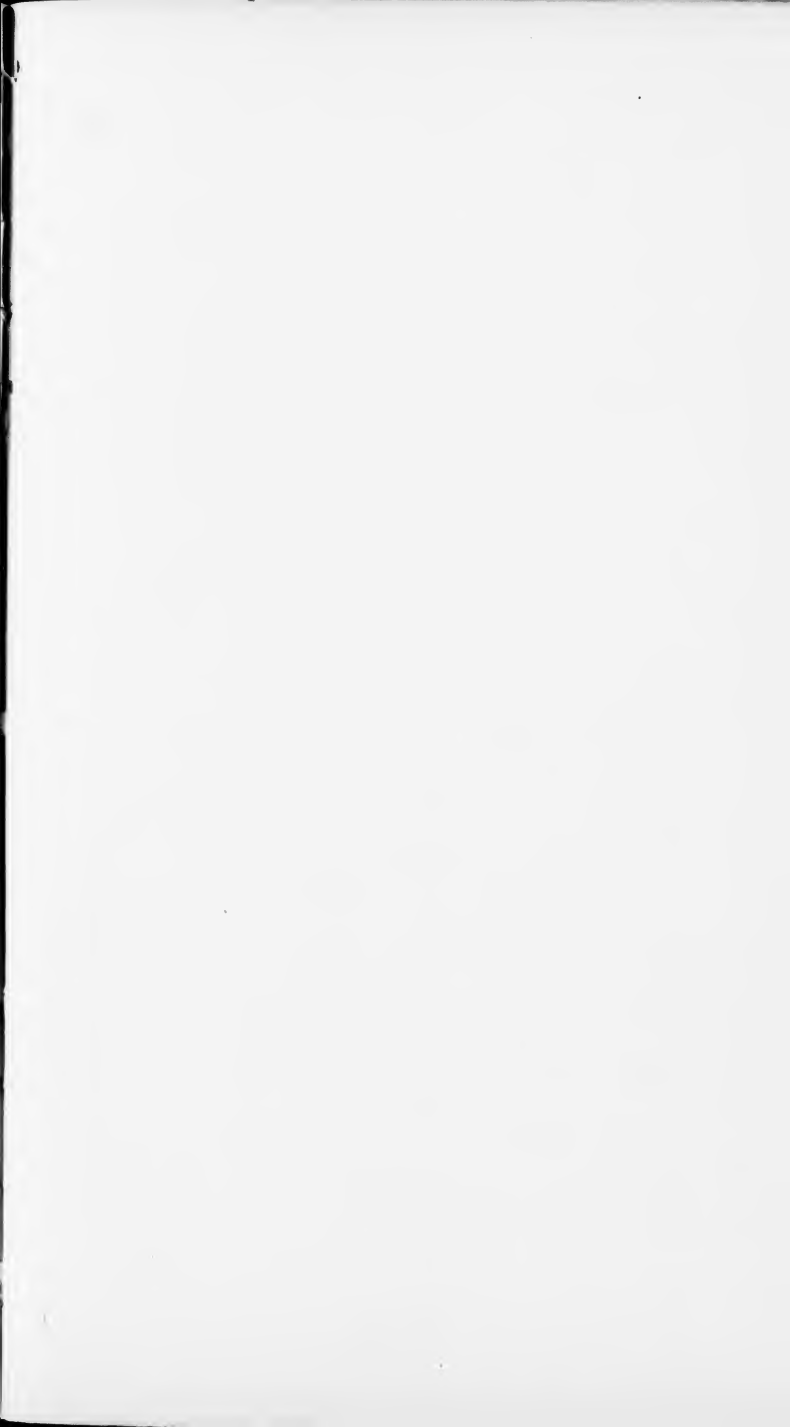


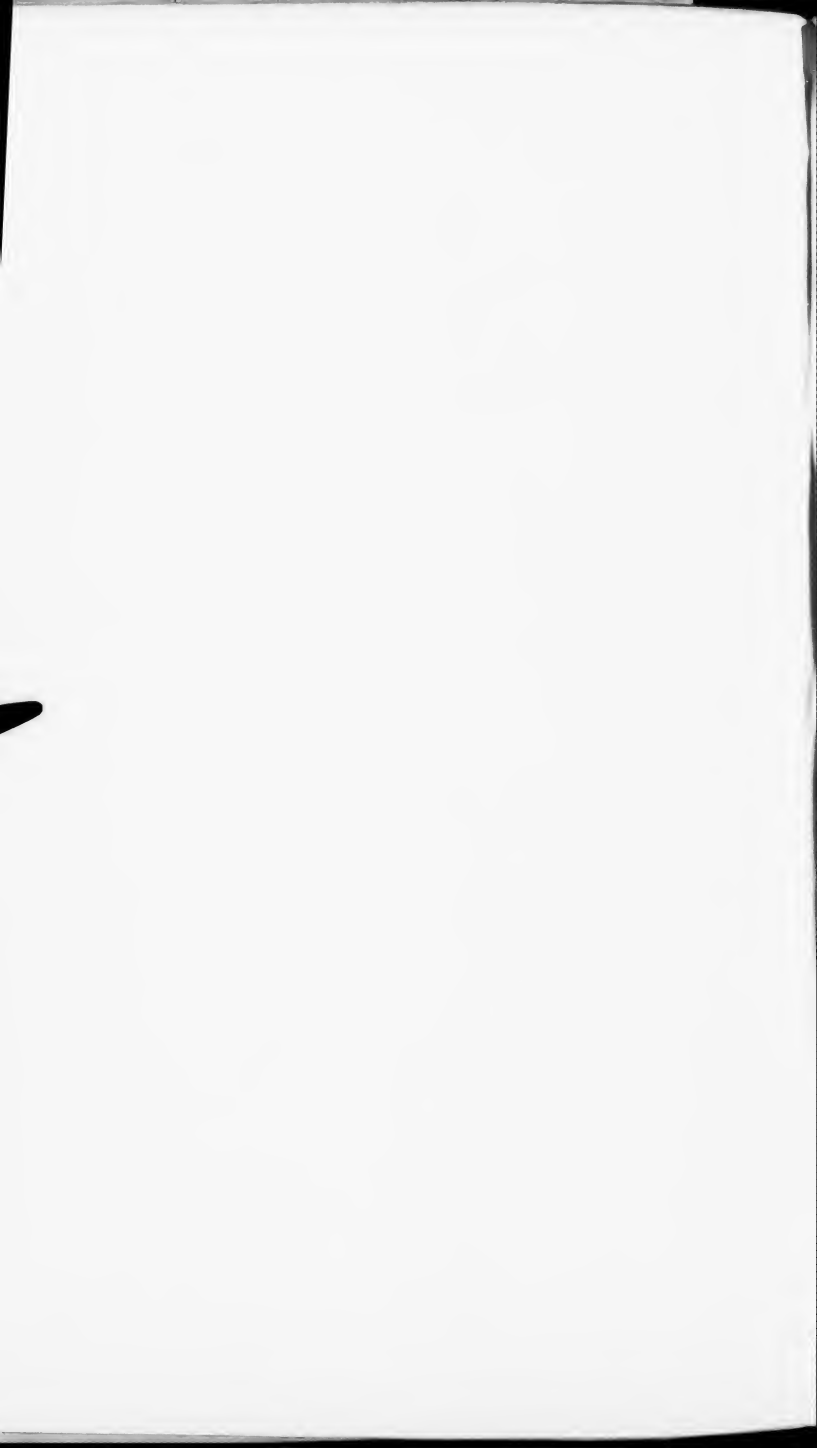
| Name                    | Location.   | Style of building. | Size.     | Description.                |
|-------------------------|---|--------------------|-----------|-----------------------------|
| Eighth division—Cont'd. |   |                    |           |                             |
| White county—Cont'd.    |   |                    |           |                             |
| Good Hope.....          | Good Hope, D. C.                                      | Frame.....         | .....     | One story.                  |
| Van Buren.....          | Jefferson street, Anacostia, D. C.                    | Brick.....         | .....     | Two stories and basement.   |
| Van Buren Annex.....    | do.....   | do.....            | .....     | Three stories.              |
| Colored county—         |   |                    |           |                             |
| Benning Road.....       | Benning road.....                                     | Frame.....         | .....     | Two stories.                |
| Birney.....             | Nichols avenue, Hillsdale, D. C.                      | do.....            | .....     | do.                         |
| Burrville.....          | Burrville, D. C.                                      | do.....            | .....     | One story.                  |
| Garfield.....           | Garfield, D. C.                                       | do.....            | .....     | Two stories.                |
| Hillsdale.....          | Nichols avenue, Hillsdale, D. C.                      | do.....            | .....     | do.                         |
| Colored city—           |   |                    |           |                             |
| High.....               | M street, between 1st street and New Jersey avenue NW | Brick.....         | 80 by 40  | Three stories and basement. |
| Ninth division          |   |                    |           |                             |
| Briggs.....             | F and 2nd streets NW                                  | do.....            | 57 by 80  | Two stories and basement.   |
| Garrison.....           | 12th, between R and S streets NW                      | do.....            | 70 by 84  | do.                         |
| Magruder.....           | M, between 16th and 17th streets NW                   | do.....            | 40 by 104 | do.                         |
| Phillips.....           | N, between 25th and 28th streets NW                   | do.....            | 70 by 84  | do.                         |
| Stevens.....            | 21st, between K and L streets NW                      | do.....            | .....     | Three stories and basement. |
| Summer.....             | M and 17th streets NW                                 | do.....            | 54 by 60  | do.                         |
| Wormley.....            | Prospect avenue, between 3d and 10th streets NW       | do.....            | 70 by 84  | Two stories and basement.   |
| Tenth division          |   |                    |           |                             |
| Banneker.....           | 3d, between K and L streets NW                        | do.....            | 54 by 60  | do.                         |
| Douglass.....           | 1st and Pierce streets NW                             | do.....            | .....     | do.                         |
| Garnet.....             | F and 10th streets NW                                 | do.....            | 80 by 70  | Three stories and basement. |
| John F. Cooke.....      | G, between H and J streets NW                         | do.....            | 80 by 98  | do.                         |
| Jones.....              | L and 10th streets NW                                 | do.....            | 60 by 84  | Two stories and basement.   |
| Logan.....              | 3d and G streets NE                                   | do.....            | 70 by 84  | do.                         |
| Patterson.....          | Vermont avenue, near F street NW                      | do.....            | 70 by 84  | do.                         |
| Slater.....             | P, between C North Capitol and 1st streets NW         | do.....            | 70 by 84  | do.                         |
| Eleventh division       |   |                    |           |                             |
| Ambush.....             | L, between 16th and 7th streets SW                    | do.....            | 50 by 84  | do.                         |
| Anthony Bowen.....      | E and 12th streets SW                                 | do.....            | 50 by 92  | do.                         |
| Bell.....               | 1st, between B and C streets SW                       | do.....            | 67 by 80  | do.                         |
| Giddings.....           | G, between 3d and 10th streets SE                     | do.....            | 70 by 84  | do.                         |
| Lincoln.....            | 2d and C streets SE                                   | do.....            | 70 by 68  | Three stories and basement. |
| Lovejoy.....            | 12th and D streets NE                                 | do.....            | 60 by 70  | Two stories and basement.   |
| Payne.....              | 15th and C streets SE                                 | do.....            | .....     | do.                         |
| Randall.....            | 1st and I streets SW                                  | do.....            | 80 by 70  | Three stories and basement. |
| Total.....              |   |                    |           |                             |

| How heated.  | When erected. | No. of rooms.   | Size of site.    | Value of site.   | Cost of building. | Total cost.  |
|--------------|---------------|-----------------|------------------|------------------|-------------------|--------------|
|              |               |                 | <i>Sq. feet.</i> |                  |                   |              |
| Stoves.....  | 1889          | 2               | 21,780           | \$750.00         | \$1,462.00        | \$5,212.00   |
| Furnace..... | 1891          | 8               | 15,600           | 25,000.00        | 24,864.00         | 49,864.00    |
| Stoves.....  | 1881          | 6               | 15,600           | 2,500.00         | 6,837.00          | 9,337.00     |
| do.....      | 1864          | 4               | 21,780           | 900.00           | 3,135.00          | 1,035.00     |
| do.....      | 1889          | 4               | 43,560           | 2,500.00         | 6,926.00          | 9,426.00     |
| do.....      | 1888          | 2               | 15,000           | 600.00           | 2,750.00          | 3,350.00     |
| do.....      | 1892          |                 |                  |                  |                   |              |
| do.....      | 1887          |                 | 43,560           | 900.00           | 5,247.00          | 6,147.00     |
| do.....      | 1871          |                 | 11,832           | 1,700.00         | 5,000.00          | 6,700.00     |
| Steam.....   | 1890          | 21              | 24,591           | 24,592.00        | 82,317.00         | 106,909.00   |
| Furnace..... | 1889          | 8               | 9,202            | 8,500.00         | 24,619.00         | 33,119.00    |
| do.....      | 1889          | 8               | 11,400           | 16,200.00        | 24,540.00         | 40,740.00    |
| do.....      | 1887          | 8               | 18,460           | 19,400.00        | 25,973.00         | 45,373.00    |
| do.....      | 1890          | 8               | 13,302           | 11,400.00        | 26,066.00         | 37,466.00    |
| Steam.....   | 1868          | 20              | 16,481           | 16,481.00        | 40,000.00         | 56,481.00    |
| do.....      | 1871          | 10 <sup>1</sup> | 11,984           | 25,156.00        | 70,000.00         | 95,156.00    |
| Furnace..... | 1884          | 8               | 13,240           | 6,600.00         | 23,495.00         | 30,095.00    |
| do.....      | 1882          | 8               | 9,653            | 10,600.00        | 20,000.00         | 30,600.00    |
| do.....      | 1896          | 8               | 9,600            | 10,500.00        | 26,206.00         | 36,706.00    |
| Steam.....   | 1880          | 12              | 28,480           | 22,800.00        | 35,000.00         | 57,800.00    |
| Furnace..... | 1868          | 10              | 8,640            | 6,000.00         | 18,000.00         | 24,000.00    |
| do.....      | 1889          | 8               | 14,866           | 11,100.00        | 25,396.00         | 36,496.00    |
| do.....      | 1891          | 8               | 9,125            | 8,486.25         | 26,513.75         | 35,000.00    |
| do.....      | 1895          | 8               | ( <sup>1</sup> ) | ( <sup>1</sup> ) | 26,118.00         | 26,118.00    |
| do.....      | 1890          | 8               | 12,000           | 11,000.00        | 26,067.00         | 37,067.00    |
| do.....      | 1889          | 8               | 11,000           | 11,750.00        | 23,885.00         | 35,635.00    |
| do.....      | 1897          | 8               | 10,555           | 10,600.00        | 27,129.63         | 37,729.63    |
| do.....      | 1889          | 8               | 11,920           | 9,596.00         | 25,609.00         | 35,145.00    |
| do.....      | 1887          | 8               | 14,376           | 7,188.00         | 24,952.00         | 32,140.00    |
| Steam.....   | 1871          | 12              | 11,600           | 17,400.00        | 20,000.00         | 37,400.00    |
| Stoves.....  | 1872          | 6               | 11,010           | 5,000.00         | 10,000.00         | 15,000.00    |
| Furnace..... | 1896          | 8               | 8,180            | 4,240.00         | 22,695.00         | 26,935.00    |
| do.....      | 1876          | 10              | 9,088            | 5,500.00         | 40,000.00         | 45,500.00    |
|              |               |                 |                  | 1,340,923.20     | 2,964,185.27      | 4,305,108.47 |

<sup>1</sup> Part of Garnet School site.







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